F INA STATE COLL

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. LESTER JONES, SUPERINTENDENT

CATALOGUE

OF

CHARTS, COAST PILOTS, AND TIDE TABLES

1916



WASHINGTON
GOVERNMENT PRINTING OFFICE



DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. LESTER JONES, SUPERINTENDENT

CATALOGUE

OF

CHARTS, COAST PILOTS, AND TIDE TABLES

1916



WASHINGTON
GOVERNMENT PRINTING OFFICE

Digitized by the Internet Archive in 2012 with funding from LYRASIS Members and Sloan Foundation

TABLE OF CONTENTS.

	Page.
Publications of the Coast and Geodetic Survey.	4
Explanation of dates on United States Coast and Geodetic Survey Charts.	
Agencies for the sale of Charts, Coast Pilots, and Tide Tables	
Suboffices of the Coast and Geodetic Survey.	
Coast Pilots	
Tide Tables.	9
Sailing Directions.	9
Explanatory Notes.	
Official Charts and Maps not published by the Coast and Geodetic Survey.	
Table of Scale Equivalents.	
Miscellaneous Maps and Plans.	13
Charts of the Atlantic and Gulf Coasts, geographically arranged	
Charts of the West Indies	
Charts of Panama—Canal Zone.	
Charts of the Pacific Coast and Alaska, geographically arranged.	
Charts of the Pacific Ocean—Hawaiian and Marianas Islands.	
Charts of the Pacific Ocean—Philippine Islands	
Topographic maps of the Philippine Islands	
Numerical Arrangement of Charts.	
Alphabetical Index of Charts	

NOTE.—Copies of this Catalogue can be obtained, FREE OF CHARGE, upon application at any of the Sale Agencies, or by letter addressed to the Superintendent of the Coast and Geodetic Survey, Washington, D. C.

PUBLICATIONS OF THE COAST AND GEODETIC SURVEY.

ANNUAL REPORTS.—These consist of a review of the progress of the work during the year, and an abstract of work done in the field and in the office, with sketches illustrating the progress of the work. Professional papers relating to the methods and results are appended.

FOR SALE.

CHARTS.—See explanatory note, page 10.

COAST PILOTS.—A series of volumes covering the coast of the United States, containing descriptions of the coast and harbors, sailing directions, and general information, etc., for the use of mariners, have been published. These are corrected to date of issue as nearly as practicable and new editions issued from time to time. See page 8.

TIDE TABLES.—The predicted time and height of the tide at the principal ports of the United States and at many foreign ports are given in these tables for every day of the year, with a table of differences, by means of which the times and heights at intermediate ports may be ascertained. Reprints of the tables for the Atlantic and Pacific Coasts of the United States are issued separately. See page 9.

Agencies for the sale of these charts, coast pilots, and tide tables have been established in many ports of the United States and in some foreign ports. See list of agencies on pages 5-7. They can also be purchased at the office of the Coast and Geodetic Survey, Washington, D. C. If ordered by mail, prepayment is obligatory; remittances should be by postal money order, express order, or certified check payable to the "Assistant in charge of the office," and not to any individual by name; postage stamps can not be accepted; the sending of money in an unregistered letter is unsafe; only catalogue numbers of charts need be mentioned. Publications mailed free of postage.

FOR FREE DISTRIBUTION.

All other publications of the Coast and Geodetic Survey.

For CATALOGUE OF CHARTS, and List and Catalogue of all the publications of the Survey, 1816–1902, apply to the Superintendent of the Survey at Washington, D. C.

Notice to Mariners, published weekly by the Bureau of Light-Houses and the Coast and Geodetic Survey. Announcements of new charts, new editions of charts, charts canceled, editions canceled, and of the various new publications of the Survey are made in these "Notices." Apply to the Superintendent of the Survey at Washington, D. C., the agencies of the Coast and Geodetic Survey, U. S. Customhouses, the Hydrographic Office of the U. S. Navy at Washington, D. C., the Branch Hydrographic Offices, the Bureau of Lighthouses at Washington, D. C., the Inspectors of the Lighthouse Districts, and the U. S. Consulates in foreign ports. Locations and addresses of Branch Hydrographic Offices and of Inspectors of Lighthouse Districts are given in the "Notices."

Notices to Mariners and Sailing Directions (see page 9) relating to the Philippine Islands are issued from time to time at the Coast and Geodetic suboffice in Manila, P. I., and can be obtained from that office and from the Superintendent of the Survey at Washington.

EXPLANATION OF DATES ON UNITED STATES COAST AND GEODETIC SURVEY CHARTS.

All United States Coast and Geodetic Survey charts bear below the border line a note indicating the date on which they were issued from its office in Washington, D. C. The old form of this note, still on many charts, is—

Lights, beacons, and buoys corrected

for information received to

(date.)

Another form of this note is as follows:

LATEST CORRECTION TO CHART LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED TO DATE OF ISSUE (date).

The most recent form of this note is as follows:

LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED FOR INFORMATION RECEIVED TO DATE OF ISSUE (date).

It should be understood that no additional information relative to lights, beacons, buoys, and dangers which could be charted had been received previous to this date. It is therefore unnecessary for a mariner to examine his file of Notice to Mariners of date prior to the date of issue of the chart for such corrections.

Other dates which appear on these charts are of less importance to mariners, but are necessary for the identification of the edition and print of the chart, and should be understood by those who use the chart.

A note, known as the authority note, gives the dates (years) of the surveys from which the chart was constructed.

The old form of this note, still on many of the charts, is—

TRIANGULATION EXECUTED (date).

TOPOGRAPHY EXECUTED (date).

HYDROGRAPHY EXECUTED (date).

CORRECTED FROM SURVEYS BY THE CORPS OF ENGINEERS, UNITED STATES ARMY (date).

This is being superseded as rapidly as possible by the following form:

AUTHORITIES:

SURVEYS (date).
SURVEYS BY U. S. ENGINEERS (date).

The surveys are by the United States Coast and Geodetic Survey unless otherwise stated. The dates in this note remain unchanged until a new edition of the chart is published.

When a new chart is issued, the date (month and year) is printed in the publication note. The old form of this note, still on many of the charts, is—

Published at Washington, D. C.

(date)

BY THE U. S. COAST AND GEODETIC SURVEY (name) Superintendent

It will be found usually just below the title. A more recent form of this note is—

Washington, D. C.
COAST AND GEODETIC SURVEY
(date)

placed just below the border in a central position. Both forms are being superseded as rapidly as possible by the following:

Published at Washington, D. C. (date) by the u. s. coast and geodetic survey E. Lester Jones, Superintendent

which is always placed just below the border of the chart and as near a central position as possible. The date in this note remains unchanged until an extensive correction is made on the plate from which the chart is printed. The date is then changed and the issue is known as a new edition.

When a correction, not of sufficient importance to require a new edition, is made to a chart plate, the year, month, and day are noted below the border in the left-hand corner of the chart, thus: 14-6/30, 7/22, 15-2/3, 5/27.

AGENCIES FOR THE SALE OF THE CHARTS, COAST PILOTS, AND TIDE TABLES OF THE COAST AND GEODETIC SURVEY,

AND FOR THE FREE DISTRIBUTION OF ITS NOTICES TO MARINERS, CHART CATALOGUES, AND TABLE OF DEPTHS.

MAINE-

Bangor: Snow & Nealley Co., 98 Broad Street.

Bar Harbor: Fifield & Joy.

Bath: Charles A. Harriman, 106 Front Street. Belfast: Newton S. Lord, 31 Front Street.

Boothbay Harbor: R. G. Hodgdon.

Camden: Eugene M. Clark. Castine: W. A. Ricker.

Eastport: Bucknam & Colwell Co.

Millbridge: E. W. Wallace. North Haven: C. S. Staple.

Portland: Wm. Senter & Co., 51 Exchange Street. Rockland: E. R. Spear & Co., 408 Main Street.

Vinal Haven: F. E. Littlefield.

MASSACHUSETTS-

Boston:

W. E. Hadlock & Co., 132 State Street.

C. C. Hutchinson, 152 State Street.

U. S. C. & G. Survey suboffice, customhouse. Gloucester: W. F. Chisholm & Son, 161 Main Street. New Bedford: A. C. Smith, 27 William Street

Vineyard Haven: E. R. Tilton.

RHODE ISLAND-

Block Island: C. C. Ball.

Newport:

J. T. O'Connell, 89 Long Wharf. W. H. Tibbetts, 185 Thames Street.

Providence: Goff & Page, customhouse.

CONNECTICUT-

Bridgeport: J. H. Shannon, customhouse. Hartford: Robert D. Stevens, customhouse. New Haven: Edward A. Welch, customhouse. New London: Edwin Keeney & Co., corner Bank

and State Streets.

South Norwalk: Chas J. Prescott.

Stamford:

John J. Bohl, post office.

Fred A. Taff, 115 Atlantic Street.

Stonington: James H. Stivers, 72 Water Street.

NEW YORK—

Albany: B. Lodge & Co., 91 North Pearl Street.

Greenport: George B. Preston.

New York:

T. S. & J. D. Negus, 140 Water Street.

John Bliss & Co., 128 Front Street.

R. Merrill's Sons, 66 South Street.

Michael Rupp & Co., 112 Broad Street.

Rand, McNally & Co., 40-42 East Twenty-second Street.

ond Street.

C. S. Hammond & Co., 30 Church Street. Motor Boat Publishing Co., 110–112 West Fortieth Street.

NEW YORK—Continued.

New York-Continued.

U. S. C. & G. Survey suboffice, room 403, customhouse.

Northport: Charles S. Mott. Patchogue: E. Bailey & Sons. Sag Harbor: Charles P. Cook.

NEW JERSEY-

Perth Amboy: Frank Neer, 100 Smith Street.

DELAWARE-

Wilmington: David A. Hay & Co., 121 Market

PENNSYLVANIA-

Philadelphia:

Riggs & Bro., 310 Market Street.

Jno. E. Hand & Sons, 224 Walnut Street.

MARYLAND-

Baltimore: Jno. E. Hand & Sons, 17 S. Gay Street.

DISTRICT OF COLUMBIA-

Washington:

Coast and Geodetic Survey Office. Brentano's, 1200 F Street NW.

VIRGINIA-

Newport News: W. L. Shumate & Co., 133 Twenty-fifth Street.

Norfolk: William Freeman, 304 Main Street.

NORTH CAROLINA-

Wilmington: Thomas F. Woods, 1 Princess Street.

SOUTH CAROLINA-

Beaufort: P. A. Roper, customhouse. Charleston: H. B. Kirk, 10 Broad Street.

GEORGIA-

Brunswick: Minton H. Johnson, customhouse. Savannah: Geo. I. Morris, customhouse.

FLORIDA-

Apalachicola: J. E. Grady & Co., Water Street.

Fernandina: S. M. Thompson.

Fort Myer: James B. Parker.

Jacksonville: H. & W. B. Drew Co.

Key West: Alfred Brost, customhouse.

Miami: Frank T. Budge.

Pensacola: McKenzie Oerting & Co., 603 Palafox

Tampa: Tampa Book & News Co. Tarpon Springs: Webster Little.

ALABAMA—

Mobile: E. O. Zadek Jewelry Co.

MISSISSIPPI-

Pascagoula: Miss Lizzie S. Alley.

LOUISIANA-

New Orleans:

Woodward, Wight & Co., corner of Howard Avenue and Constance Street.

Kokosky & Co., 614 Gravier Street.

U. S. C. & G. Survey suboffice, 1020 Hibernia Bank Building.

TEXAS-

Galveston:

Charles F. Trube, 2415 Market Street.

U. S. C. & G. Survey suboffice, room 18, Cotton Exchange Building.

CUBA-

Habana: Hillebrand y Menció, 10 Mercaderes.

CANAL ZONE-

Cristobal: Captain of the port.

OHIO-

Cleveland: Penton Publishing Co., Browning Building.

ILLINOIS-

Chicago: Rand, McNally & Co., 168 Adams Street.

CALIFORNIA-

Eureka: James E. Mathews, 423 F Street.

Los Angeles: Cunningham, Curtiss & Welch Co., 252 South Spring Street.

San Diego: Arey-Jones Co., 933 Fourth Street.

San Francisco:

Louis Weule Co., 6 California Street.

Geo. E. Butler, Alaska Commercial Building, corner California and Sansome Streets.

H. J. H. Lorenzen, 12 Market Street.

A. Lietz Co., 632-634 Commercial Street.

U. S. C. & G. Survey suboffice, room 310, customhouse.

San Pedro: Marine Hardware Co., 509 Beacon Street.

OREGON-

Newport: W. B. Hartley.

Portland: The Beebe Co., 182–186 W. Morrison Street.

WASHINGTON-

Aberdeen: Evans Drug Co.

Anacortes: S. D. Temple & Co., 610 Commercial Avenue.

Bellingham:

Edward T. Mathes.

Union Printing, Binding & Stationery Co., 1211 Elk Street, South Bellingham.

Blaine: J. D. Stage.

Everett: Adam Hill, 2929 Colby Avenue.

WASHINGTON—Continued.

Friday Harbor: E. F. Harpst.

Olympia: Winstanley & Blakenship.

Port Townsend: W. J. Fritz, 320 Water Street.

Seattle:

Lowman & Hanford Stationery & Printing Co., 616 First Avenue.

Max. Kuner Co., 94 Columbia Street.

U. S. C. & G. Survey suboffice, room 204, Burke Building.

Tacoma: Cole-Martin Co., 926 Pacific Avenue.

ALASKA-

Cordova: Northern Drug Co.

Craig: Charles A. Fox.

Haines: N. G. Hanson.

Juneau: John T. Spickett.

Ketchikan: Ryus Drug Co.

Petersburg: Charles A. Fox.

Seward: Philip J. Hickey, jr.

Sitka: Chas. M. McGrath.

Valdez: Owl Drug Co.

Wrangell: F. Matheson.

HAWAII-

Honolulu: Hawaiian News Co.

PHILIPPINE ISLANDS—

Cebu: Pacific Commercial Co.

Iloilo: Hoskyn & Co.

Manila: C. & G. Survey Office.

Luzon Stevedoring Co., waterfront, foot of Calle Madrid.

Zambaran Baha Maran & C

Zamboanga: Behn, Meyer & Co.

CANADA-

Montreal, Quebec: Harrison & Co., 53 Metcalfe Street.

St. John, N. B.: A. B. Smalley & Son, 91 Prince William Street.

Vancouver, B. C.: Clark & Stuart, 441 Hastings

Victoria, B. C.: T. N. Hibben & Co., 1122 Government Street.

CHINA-

Hongkong: Chas. J. Gaupp & Co.

AUSTRALIA-

Newcastle, New South Wales: W. H. Sproull & Co.

GERMANY-

Berlin, S. W.: Deitrich Reimer, Wilhelm-Strasse, No. 29.

Hamburg: Eckhardt & Messtorff.

FRANCE-

Paris: Augustin Challamel, Rue Jacob 17.

SUBOFFICES OF THE COAST AND GEODETIC SURVEY.

Boston, Mass., Bureau Foreign and Domestic Commerce, customhouse.

New York, N. Y., room 403, customhouse.

New Orleans, La., 1020 Hibernia Bank Building.

Galveston, Tex., room 18, Cotton Exchange Building.

San Francisco, Cal., room 310, customhouse.

Seattle, Wash., room 204, Burke Building.

Manila, P. I., Intendencia Building.

At these offices files of United States Coast and Geodetic Survey charts, Coast Pilots, Tide Tables, and other publications relating to navigation may be consulted and information affecting navigation obtained without charge. Light Lists, Buoy Lists, and Notices to Mariners are kept for free distribution to mariners.

UNITED STATES COAST PILOT-ATLANTIC COAST.

Parts.	TITLE.	Size and binding.	Date of last edition.	Price,
I–II.	From St. Croix River to Cape Ann, with supplement to May 5, 1915.	4to, canvas	1911	\$0. 50
III.	From Cape Ann to Point Judith, with supplement to January 20, 1915.	4to, canvas	1912	. 50
IV.	From Point Judith to New York	8vo, canvas	1914	. 50
V.	From New York to Chesapeake Bay Entrance, with supplement to February 4, 1915.	4to, canvas	1909	. 50
VI.	Chesapeake Bay and Tributaries with supplement to July 30, 1915.	4to, canvas	1913	. 50
D.	From Cape Henry to Key West, with supplement to September 25, 1915.	8vo, canvas	1913	. 50
VIII.	Gulf of Mexico, from Key West to the Rio Grande, with supplement to June 12, 1915.	4to, canvas	1908	. 50
	Inside Route Pilot: Coast of New Jersey	8vo, paper	1915	. 20
	Inside Route Pilot: New York to Key West, 2d edition	4to, paper	1913	. 20
	Inside Route Pilot: Key West to New Orleans	8vo, paper	1914	. 20

UNITED STATES COAST PILOT—WEST INDIES.

TITLE.	Size and binding.	Date of last edition.	Price.
Porto Rico.	4to, canvas	1906	\$0. 50

UNITED STATES COAST PILOT—PACIFIC COAST.

TITLE.	Size and binding.	Date of last edition.	Price.
California, Oregon, and Washington, with supplement to October 20, 1914.	4to, canvas	1909	\$0, 50
Alaska, Part 1.—Dixon Entrance to Yakutat Bay, with Inland Passage from Juan de Fuca Strait to Dixon Entrance, with supplement to April 16, 1915.	4to, canvas	1908	. 50

TIDE TABLES.

PUBLISHED ANNUALLY SIX MONTHS IN ADVANCE.

	Price.
Tide Tables, United States and foreign ports	\$0.50
Tide Tables, Atlantic Coast ports of the United States	10
Tide Tables, Pacific Coast ports of the United States	.10

TABLE OF DEPTHS, COAST PILOT NOTES, ETC.

(For free distribution.)

Table of Depths for channels and harbors, coasts of the United States	913
Bulletin No. 38.—Coast Pilot Notes, Prince William Sound to Unalaska Island, Alaska	897
Coast Pilot Notes on Bering Sea and Arctic Ocean, with supplement to February 1, 19111	908
Coast Pilot Notes, from Yakutat Bay to Cook Inlet and Shelikof Strait, second edition19	910
Coast Pilot Notes on Hawaiian Islands	912
Magnetic Chart: Variation of the compass and lines of equal annual change of the variation of the compass in the United States, for 1915.	915
Magnetic Chart: Variation of the compass and lines of equal annual change of the variation of the compass in Alaska, for 1910, published in	909
Magnetic Chart: Variation of the compass and lines of equal annual change of the variation of the compass in the West Indies, for 1915, published in	914

SAILING DIRECTIONS, PHILIPPINE ISLANDS.

(For free distribution.)

Section I.—North and west coasts of Luzon and adjacent islands, fourth edition	1913
Section II.—Southwest and south coasts of Luzon and adjacent islands, fourth edition	1910
Section III.—Coasts of Panay, Negros, Cebu, and adjacent islands, fourth edition	1911
Section IV.—Coasts of Samar and Leyte and the east coast of Luzon, fourth edition	1912
Section V.—Coasts of Mindanao and adjacent islands, third edition	1918
Sections VI and VII.—Mindoro Strait, Palawan Island, and Sulu Sea and Archipelago, third edition	1911

EXPLANATORY NOTES.

The charts embraced in this catalogue are constructed on different scales in order to adapt them to the different conditions of navigation. The small-scale charts include large areas and are suited to offshore navigation, while those on large scale include small areas and are suited to alongshore navigation.

They are classified as follows:

Sailing Charts.—Scales from $\frac{1}{600,000}$ to $\frac{1}{3,600,000}$.

They are intended for the use of the navigator to fix his position as he approaches the coast from the open ocean or when sailing between distant coast ports. They show the offshore soundings, the principal lights and outer buoys, and such natural landmarks as may be visible at a considerable distance.

and outer buoys, and such natural landmarks as may be visible at a considerable distance.

General Charts of the Coast.—Scales from \(\frac{1}{200,000}\) to \(\frac{1}{400,000}\). They are intended for coastwise navigation when the vessel's course would mostly be within sight of land with her position fixed by landmarks, lights, outer buoys, and characteristic soundings.

COAST CHARTS.—Scales from $\frac{1}{80,000}$ to $\frac{1}{100,000}$. They are intended for close coastwise navigation when a vessel's course would carry her inside outlying reefs and shoals; also for entering bays and harbors of considerable width, and for navigating the large inland waterways.

Harbor Charts.—Scales from $\frac{1}{5,000}$ to $\frac{1}{40,000}$. They are intended for navigation of harbors and small waterways.

In the catalogue the charts are arranged in geographical sequence, under the headings, Atlantic Coast, Gulf Coast, West Indies, Canal Zone, Pacific Coast, Hawaiian and Marianas Islands, and Philippine Islands.

Under the Atlantic and Gulf Coasts appear the subheads: First, Sailing Charts; second, General Charts of the Coast; third, Coast and Harbor Charts. The geographical sequence begins at Maine and continues in regular order to Texas.

Under Pacific Coast appear the subheads: First, Sailing Charts; second, General Charts of the Coast and Harbor Charts. The geographic sequence begins at the southern end of California and proceeds northward and westward to Bering Sea.

The limits of the charts are graphically shown on diagrams on adjoining pages. A numerical index of charts is given at the end of the catalogue, also an alphabetical index.

Charts.—When issued show all necessary corrections as to lights, beacons, buoys, recently discovered dangers, wrecks, etc., to date of issue, stamped near lower left corner of chart, being hand-corrected since date of printing, which date, except in case of a new chart or new edition, is printed at lower left corner.

The date of the edition of a chart is printed about midway the lower margin of the chart, but on some of the earlier charts this date is shown on the face of the chart, generally below the title.

All important corrections occurring subsequent to date of issue of a chart will be found in the Notices to Mariners, published weekly by the Bureau of Lighthouses and the Coast and Geodetic Survey. These should be applied, as far as possible, by hand to the charts immediately after receipt of the notices, which are furnished gratis on application.

When new information involving extensive changes is received, new editions of the charts are prepared and printed, the old editions are canceled and should no longer be issued from the agencies.

All the notes on a chart should be read carefully, as in some cases they relate to the aids to navigation or to dangers that can not be clearly charted.

OFFICIAL CHARTS AND MAPS NOT PUBLISHED BY THE COAST AND GEODETIC SURVEY.

LAKE SURVEY, WAR DEPARTMENT, Old Customhouse, Detroit, Mich.

Charts of the Great Lakes, Lake Champlain, and of the Saint Lawrence River down to Cornwall, Canada.

MISSISSIPPI RIVER COMMISSION, WAR DEPARTMENT, 1307 Liggett Building, St. Louis, Mo.

Charts of the Mississippi River from the head of the passes up to the Ohio River.

HYDROGRAPHIC OFFICE, NAVY DEPARTMENT.

Charts of foreign countries.

GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR.

Topographic and geologic maps.

GENERAL LAND OFFICE, DEPARTMENT OF THE INTERIOR.

Maps of the United States and maps of States and Territories.

TOPOGRAPHER OF THE POST OFFICE DEPARTMENT.

Post route maps of States and Territories.

FOREST SERVICE, DEPARTMENT OF AGRICULTURE.

Maps of National Forests and forested regions.

The charts and maps referred to above are not furnished by the Coast and Geodetic Survey. For information in regard to them, application should be made to the authorities above mentioned.

TABLE OF SCALE EQUIVALENTS.

The following table gives the lengths of nautical and statute miles on the several scales named, these scales being the proportionate size of the chart to nature. That is, in the scale $\frac{1}{1,200}$, the chart is $\frac{1}{1,200}$ part of the actual linear dimensions in nature (or 100 feet to the inch), equal to 60.8 inches to a nautical mile, and 52.8 inches to a statute mile, and so on.

A nautical mile is a minute of an average great circle of the earth, and its length is 6,080 feet, or 1,853.2 meters. A statute mile is 5,280 feet, or 1,609.3 meters.

SCALE.	Nautica	L MILE.	STATUTI	MILE.		
SCALE.	Inches.	Centimeters.	Inches.	Centimeters.		
1,200	60.803	154.44	52.800	134. 11		
2,400	30.401	77.22	26. 400	67.03		
1 4,800	15.201	38.61	13.200	33. 53		
1 5,000	14.593	37. 06	12.672	32.19		
10,000	7.296	18.53	6.336	16.09		
1 15,000	4.864	12.36	4.224	10.73		
20,000	3.648	9.27	3.168	8.05		
30,000	2.432	6.18	2.112	5, 36		
40,000	1.824	4.63	1.584	4.02		
50,000	1.459	3.71	1.267	3. 22		
60,000	1.216	3.09	1.056	2.68		
80,000	0.912	2.32	0.792	2.01		
100,000	0.730	1.85	0.634	1.61		
200,000	0.365	0. 93	0.317	0.80		
400,000	0. 182	0.46	0.158	0.40		
1,000,000	0.073	0.18	0.063	0.16		
1,200,000	0.061	0.15	0.053	0.13		

1 meter = 39.37 inches; 1 centimeter = 0.3937 inch; 1 inch = 2.54 centimeters.

MISCELLANEOUS MAPS AND PLANS.

NOT ADAPTED FOR THE USE OF NAVIGATORS.

ABBREVIATIONS.-E., Engraved; L., Lithographed; P., Photolithographed.

<u> </u>								
Catalogue number.	TITLE.	State.		Proportional.	Inches to statute mile.	Size of border (inches).	Date.	Price.
3056	Mount Desert Island	Maine	E.	1 80,000	0.79	14 imes 17	1875	\$0. 20
3030	Hoosic Mountain, Pendulum Station	Massachusetts				19×22	1874	.40
3000	Plymouth	Massachusetts	P.	10,000	6,34	27×50	1853	1.00
3046	Bristol	Rhode Island.	P.	10,000	6.34	21×28	1872	. 25
3039	Frost Point to Norwalk River	Connecticut	Р.	1 10,000	6.34	27×51	1886	1.00
3040	Blackwells, Wards, and Randalls islands and vicinity.	New York	Р.	5,000	12.67	26×51	1885	1.00
3057	West Point	New York	E.	1 4,800	13.20	22×28	1883	.25
3058	Cape May and vicinity	New Jersey	Р.	10,000	6.34	24×38	1879	.30
3025	Delaware River—Fishers Point to Coopers Point.	New Jersey	Р.	10,000	6, 34	17×28	1843	.20
3026	Delaware River—Coopers Point to Kaighns Point.	New Jersey	Р.	1 10,000	6, 34	14×18	1843	.20
	٠							

MISCELLANEOUS MAPS AND PLANS—CONTINUED.

Catalogue				Sca	ALE.	Size		
number.	TITLE.	State.		Proportional.	Inches to statute mile.	of border (inches).	Date.	Price.
3101 to 3190}	District of Columbia, city excepted, in 58 sheets.		E.	1 4,800	13.20	14 × 14	1881 to 1893	Each. \$0.10
3035	Washington City	D. C	E.	1 19,800	3.20	21×29	1800	(*)
3043	City of Washington	D. C	E.	1 19,800	3.20	17×20	1800	(*)
3035a	City of Washington, by L'Enfant	D. C		1 15,840	4. 00	27×47	1790	(*)
3035b	City of Washington, by Dermott	D. C		7,920	8.00	54×62	1798	(*)
3036	Washington City, by W. J. Stone	D. C	E.	1 12,070	5.25	23×31	1863	(*)
3059	Territory of Columbia, by Ellicott	D. C		33,000	1.92	22×22		(*)
3081	Birthplace of Washington	Virginia	P.	10,000	6. 34	22×29	1897	.20
3007	Yorktown Peninsula	Virginia	Р.	1 80,000	0.79	27×37	1881	, 50
3008	Mountain Region	N. C. and Tenn.	Р.	1 633,600	0.10	23×36	1884	.30
3013	Parts of Tennessee, North Carolina, South Carolina, Georgia, and Alabama.			1 633,600	0. 10	23×34	1865	.30
3014	Parts of Tennessee, Mississippi, and Alabama.			1 633,600	0.10	23×34	1865	. 30
	Mississippi River, from New Orleans to Point Houmas (in six sheets), viz:							
3208	No. 8, New Orleans to Soniat Plantation, including Carrollton, Jefferson, and Kennerville.	Louisiana	P.	20,000	3. 17	23 × 33	1878	. 20
3209	No. 9, Soniat Plantation to Myrtle Land Plantation, including St. Charles Rail- road Station and Hahnville.	Louisiana	P.	* 1 20,000	3.17	23 × 33	1878	. 20
3210	No. 10, Myrtle Land Plantation to Reserve Plantation, including Bonnet Carré Point and Bonnet Carré.	Louisiana	P.	20,000	3. 17	23 × 33	1878	.20
	·							
		urnished on applicat					1	

^{*} Price furnished on application.

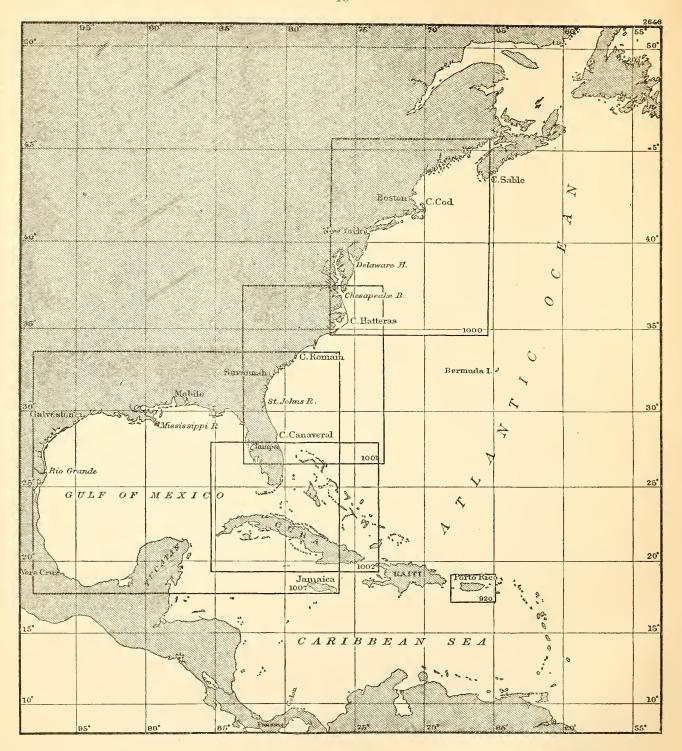
MISCELLANEOUS MAPS AND PLANS—Continued.

				Sca	ALE.	Size		
Catalogue number.	TITLE	State.		Proportional.	Inches to statute mile.	of border (inches).	Date.	Price.
3211	No. 11, Bonnet Carré to Grand View Reach, including Bell Point and Wil- low Bend.	Louisiana	P.	1 20,000	3. 17	23×33	1878	\$0.20
3212	No. 12, Chapman Plantation to Brilliant Point, including College Point.	Louisiana	P.	1 20,000	3. 17	23×33	1878	. 20
3213	No. 13, St. James Estate to Point Houmas, including Brilliant Point and White Hall.	Louisiana	P.	1 20,000	3. 17	23×33	1878	. 20
3020	Ohio River—Cairo to Mound City	Illinois		$\frac{1}{23,554}$	2.69	15 imes 22	1864	. 20
3032	Part of Bahama Islands, showing tracks ascribed to Columbus.			•		22×36	1881	. 50
3054	City of San Francisco	California	Р.	1 10,000	6. 34	28×46	1857	. 50
3055	San Francisco Peninsula	California	Е.	1 40,000	1.58	18×28	1869	.50
3214	St. Paul Island, Bering Sea	Alaska	P.	1 20,000	3. 17	29×45	1898	. 25
3215	Reef, Ardiguen and Gorbach Rookeries, St. Paul Island.	Alaska	Р.	2,000	31. 68	20×43	1898	. 25
3216	Lukanin and Katovi Rookeries, St. Paul Island.	Alaska	Р.	2,000	31.68	20 × 31	1898	. 25
3217	Tolstoi Rookery, St. Paul Island	Alaska	P.	2,000	31. 68	20×38	1898	. 25
3219	Little Zapadni and Zapadni Reef Rookeries, St. Paul Island.	Alaska	Р.	2,000	31. 68	20×43	1898	. 25
3220	Polovina, Polovina Cliffs, and Little Polovina Rookeries, St. Paul Island.	Alaska	P.	1 2,000	31. 68	20×49	1898	. 25

MISCELLANEOUS MAPS AND PLANS-CONTINUED.

	MISCELLIANEOUS MILLS							
Catalogue number.	TITLE.	State.		Proportional.	Inches to statute mile.	Size of border (iuches).	Date.	Price.
3221	Morjovi Rookery, St. Paul Island	Alaska	Р.	1 2,000	31.68	23×36	1898	\$0.25
	Vostochni Rookery, St. Paul Island	Alaska	Р.	2,000	31.68	25×41	1898.	. 25
3222	Lagoon Rookery, St. Paul Island	Alaska	P.	2,000	31.68	20×27	1898	. 25
3223	St. George Island, Bering Sea	Alaska	P.	1 20,000	3.17	20 × 41	1898	.25
3224	Zapadni Rookery, St. George Island	Alaska	P.	2,000	31.68	20 × 20	1898	.25
3225	North Rookery, St. George Island		P.	1 2,000	31.68	19 × 31	1898	.25
3226	Staraya-Artil and Little East Rookeries,		P.	2,000	31.68	15 × 36	1898	. 25
3227	St. George Island.			1	04 00	19 × 35	1898	.25
3228	East Rookery, St. George Island	_ Alaska	P.	2,000	31.68	19 × 90	1030	
	,							
			Ì					
							1	
1								
1		1		V.				
		1						
						1		

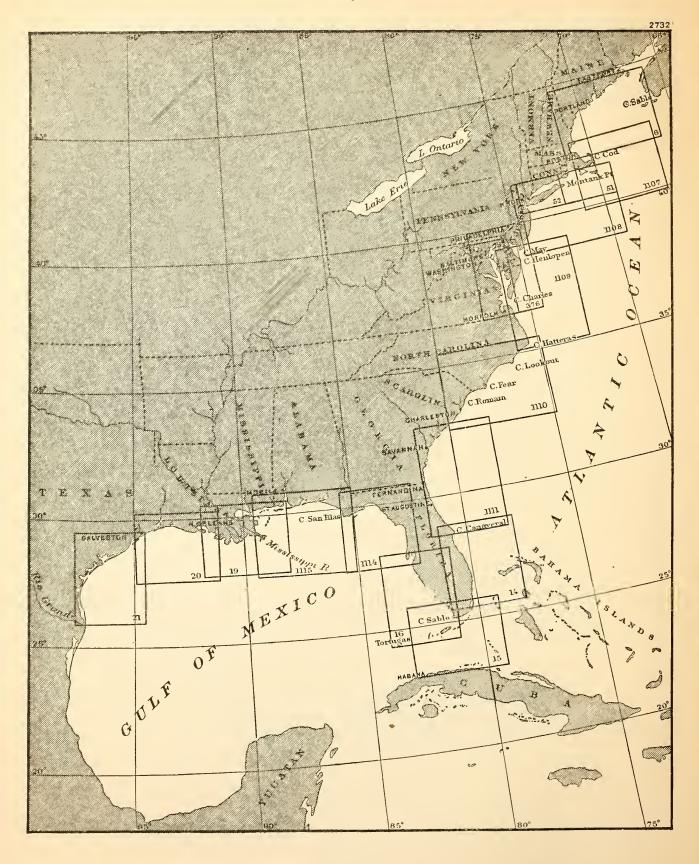
GEOGRAPHICAL ARRANGEMENT OF CHARTS.



CHARTS OF THE ATLANTIC AND GULF COASTS.

GEOGRAPHICALLY ARRANGED.

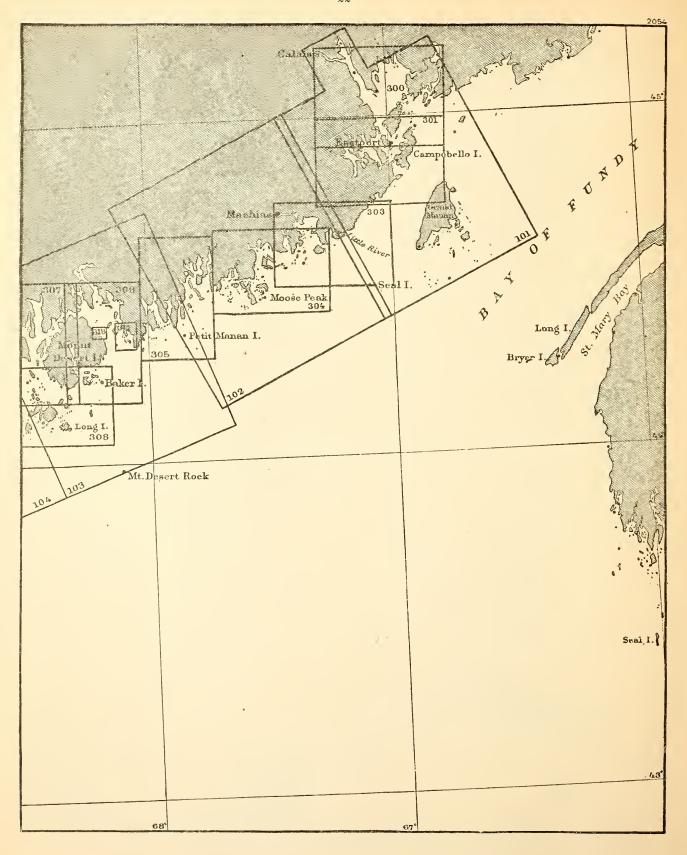
		Sc	ALE.	g:	D	
Catalogue number.	TITLE.	Average.	Inches to degree of mid-latitude.	Size of border (inches).	Date of last edition.	Price.
	SAILING CHARTS.					
1000	Cape Sable to Cape Hatteras	1,200,000	3.7	33×41	1908	\$0.50
1001	Chesapeake Bay to Straits of Florida	1 1,198,000	3.7	33 × 41	1913	.50
1002	Straits of Florida and approaches	1 1,197,000	3.6	34×41	1912	. 50
1007	Gulf of Mexico	$\frac{1}{2,195,000}$	2.0	33×41	1908	.50
	·					
			1			
			Ý,			
•						



ATLANTIC AND GULF COASTS.

GEOGRAPHICAL ARRANGEMENT.

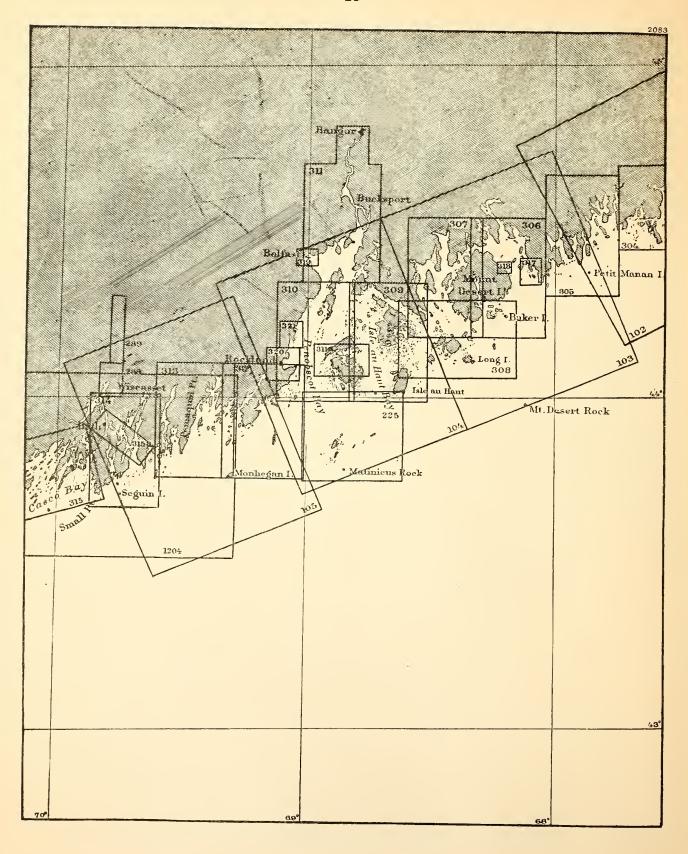
Catalogue	WANT IS	Sca	ALE.	Size of border	Date of	Price.
number.	TITLE.	Average.	Inches to nautical mile.	(inches).	last edition.	
	GENERAL CHARTS OF THE COAST.					
6	Quoddy Head to Cape Cod	1 400,000	0. 18	32×42	1895	\$0. 50
1107	Georges Bank and Nantucket Shoals	1 400,000	0.18	31×37	1913	. 50
1108	Approaches to New York	1 400,000	0.18	31×47	1913	. 50
376	Delaware and Chesapeake Bays	1 400,000	0.18	27×36	1915	. 50
77	Chesapeake Bay, upper half	200,000	0, 36	32×31	1915	. 50
78	Chesapeake Bay, lower half	1 200,000	0. 36	32×32	1915	. 50
1109	Cape May to Cape Hatteras	1 400,000	0, 18	32×44	1914	. 50
1110	Cape Hatteras to Charleston Light	1 400,000	0. 18	31×43	1914	. 50
1111	Charleston Light to Cape Canaveral.	400,000	0. 18	30×42	1914	, 50
14	Cape Canaveral to Fowey Rocks	1 400,000	0.18	32×38	1900	. 50
15	Straits of Florida, including Florida Bay	1 400,000	0. 18	31×40	1907	. 50
16	Key West to Tampa Bay	400,000	0. 18	32×40	1893	. 50
1114	Tampa Bay to Cape San Blas	1 400,000	0.18	28×32	1915	. 50
1115	Cape St. George to Mississippi Passes	400,000	0. 18	31×38	1913	. 50
19	Mobile Bay to Atchafalaya Bay	1 400,000	0.18	32×38	1900	. 50
20	Atchafalaya Bay to Galveston	1 400,000	0. 18	31×38	1900	. 50
21	Galveston to the Rio Grande.	400,000	0.18	31×40	1883	. 50
51	Nantucket Shoals to Montauk Point	200,000	0.36	34×42	1912	. 50
52	Montauk Point to New York and Long Island Sound	200,000	0. 36	33×42	1911	. 50



ATLANTIC COAST.

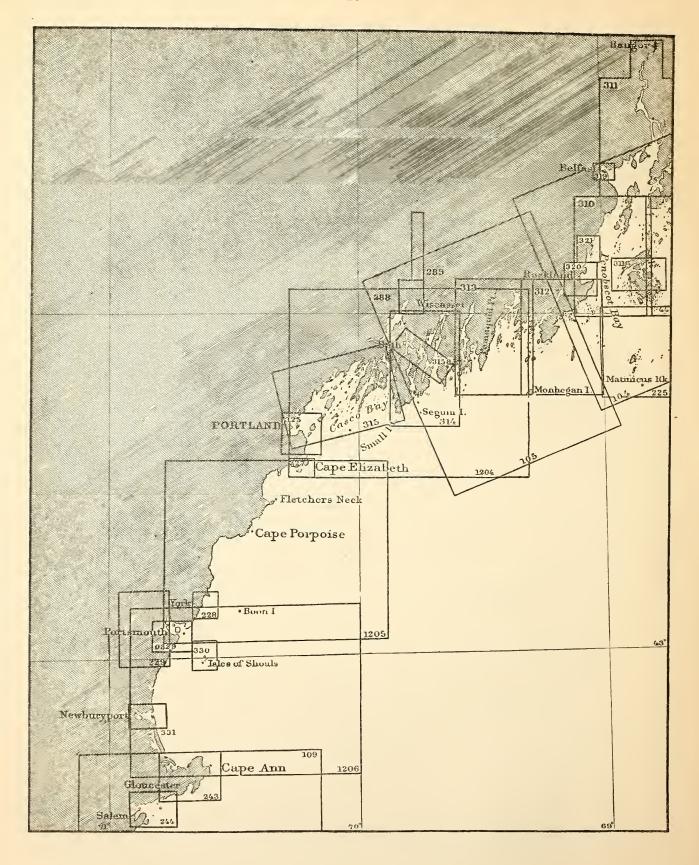
GEOGRAPHICAL ARRANGEMENT.

			Sca	LE,	Size	Date of	
Catalogue number.	TITLE.	State.	State. Inches nautic mile		of border (inches).	last edition.	Price,
	COAST AND HARBOR CHARTS.						
101	Calais to Little River, including Cobscook Bay.	Maine	1 80,000	0.91	30×39	1912	\$0.50
300	Passamaquoddy Bay and St. Croix River	Maine	1 40,000	1.82	32×40	1905	. 25
301	Eastport to Moose Cove, including Cobscook Bay.	Maine	1 40,000	1.82	31×41	1893	. 25
102	Little River to Petit Manan	Maine	1 80,000	0.91	32×39	1888	.50
303	Moose Cove to Englishman Bay, including Machias Bay.	Maine	1 40,000	1.82	27×39	1893	. 25
304	Cross Island to Nash Island	Maine	1 40,000	1.82	27×39	1914	. 25
305	Nash Island to Schoodic Island	Maine	40,000	1.82	25×39	1915	. 25
							•



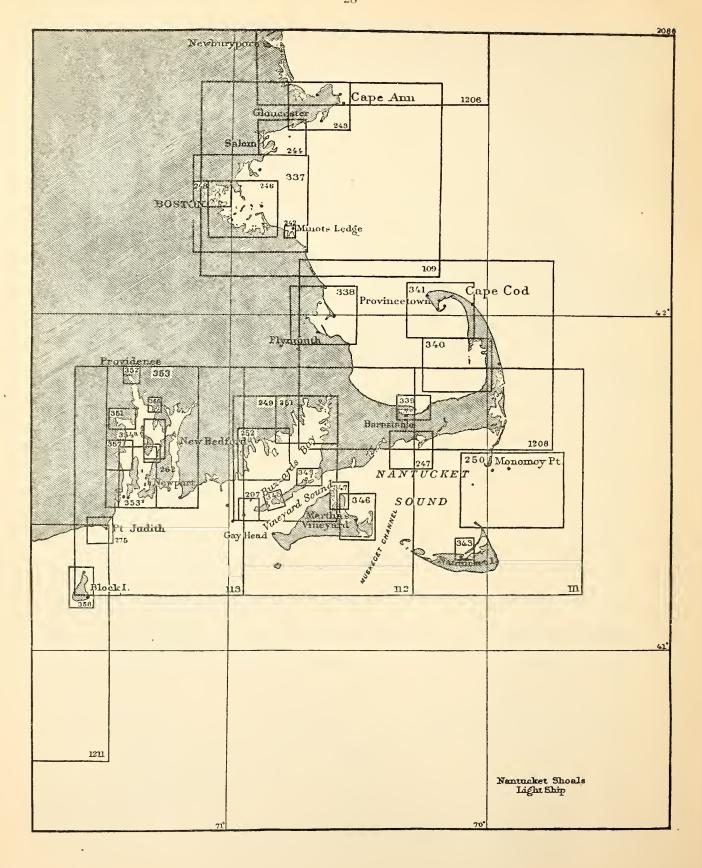
ATLANTIC COAST—Continued. GEOGRAPHICAL ARRANGEMENT.

			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
103	Mount Desert Island, Frenchmans and Blue Hill Bays, and approaches.	Maine	1 80,000	0.91	29×38	1910	\$0.50
306	Frenchmans Bay and eastern part of Mount Desert Island.	Maine	1 40,000	1.82	25×40	1915	. 25
307	Blue Hill Bay and western part of Mount Desert Island.	Maine	1 40,000	1.82	25×40	1914	. 25
308	Approaches to Blue Hill Bay and Eggemoggin Reach.	Maine	1 40,000	1.82	25×38	1914	.25
317	Winter Harbor, Schoodic Peninsula	Maine	20,000	3.65	14×18	1881	. 20
318	Bar Harbor, Mount Desert Island	Maine	10,000	7.30	13×15	1885	. 20
104	Penobscot Bay	Maine	1 80,000	0.91	29×38	1911	. 50
309	East Penobscot Bay	Maine	1 40,000	1.82	24×39	1915	. 25
310	West Penobscot Bay	Maine	1 40,000	1.82	24×39	1914	. 25
311a	Fox Islands Thoroughfare	Maine	20,000	3, 65	20×31	1914	. 20
311	Penobscot River and Belfast Bay	Maine	1 40,000	1.82	25×40	1914	. 25
319	Belfast Harbor	Maine	1 20,000	3.65	11×13	1875	. 20
321	Camden and Rockport Harbors	Maine	20,000	3.65	14 × 17	1879	. 20
320	Rockland Harbor	Maine	20,000	3.65	21×22	1902	. 20
225	Approaches to Penobscot Bay	Maine	1 40,000	1.82	30×32	1915	. 50
	Matinicus Harbor	Maine	1 5,000	1.82			



ATLANTIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

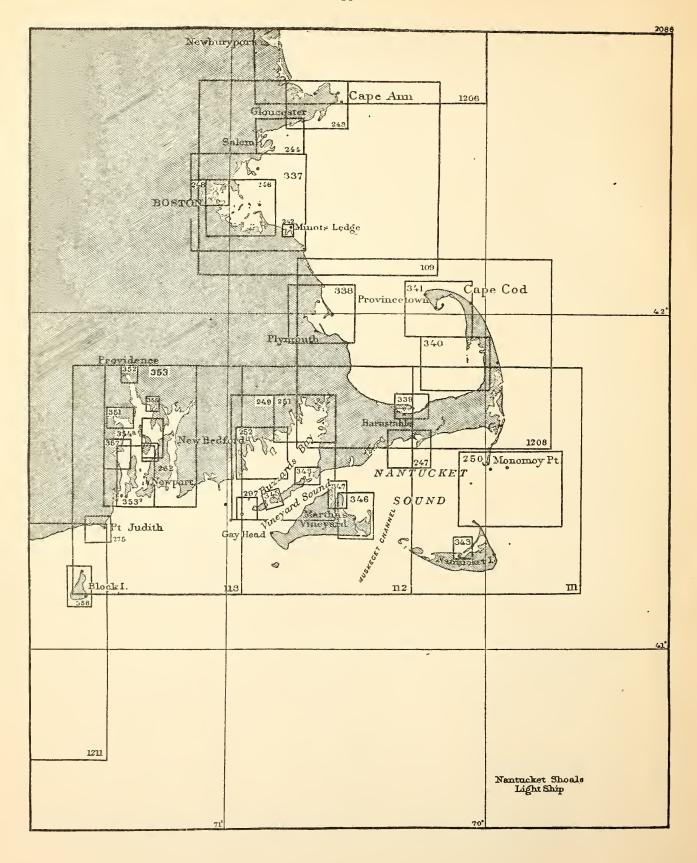
		SCALE.	E. Size Dat				
Catalogue number.	TITLE.	State.	Average,	Inches to nautical mile.	of border (inches).	last edition.	Price,
	Coast and Harbor Charts—Continued.						
105	Penobscot Bay to Kennebec entrance	Maine	80,000	0.91	29×38	1877	\$0.50
312	St. George River and Muscle Ridge Channel	Maine	1 40,000	1.82	26×38	1911	. 25
313	Damariscotta and Medomak Rivers	Maine	1 40,000	1.82	25×38	1905	.25
314	Kennebec and Sheepscot Rivers	Maine	1 40,000	1.82	23×38	1878	. 25
288	Kennebec River, Abagadasset Point to Court House Point.	Maine	1 15,000	4.83	21×34	1912	. 25
289	Kennebec River, Courthouse Point to Augusta.	Maine	1 15,000	4.83	22×34	1912	. 25
315a	Bath to Boothbay Harbor	Maine	20,000	3.65	16 × 36	1884	. 20
1204	Monhegan Island to Cape Elizabeth	Maine	80,000	0.91	31×40	1912	. 50
1205	Cape Elizabeth to Portsmouth	Maine and N.H.	1 80,000	0.91	31 × 38	1915	. 50
1206	Portsmouth to Cape Ann	N. H. and Mass.	80,000	0.91	28×38	1915	. 50
315	Casco Bay	Maine	1 40,000	1.82	25×39	1913	. 25
325	Portland Harbor	Maine	1 20,000	3, 65	26×29	1913	. 40
327	Richmond Island Harbor	Maine	20,000	3.65	14×17	1907	. 20
228	Cape Neddick Harbor to York River	Maine	1 20,000	3. 65	16×17	1912	. 25
0329	Portsmouth Harbor	Maineand N.H.	1 10,000	7.30	33 × 30	1913	. 25
330	Isles of Shoals	Maineand N.H.	1 20,000	3.65	15 × 17	1913	.20
331	Newburyport Harbor	Massachusetts	1 20,000	3. 65	17×24	1913	. 25
229	Portsmouth to Dover and Exeter	Maineand N.H.	30,000	2.43	23×33	1914	.30



ATLANTIC COAST—CONTINUED.

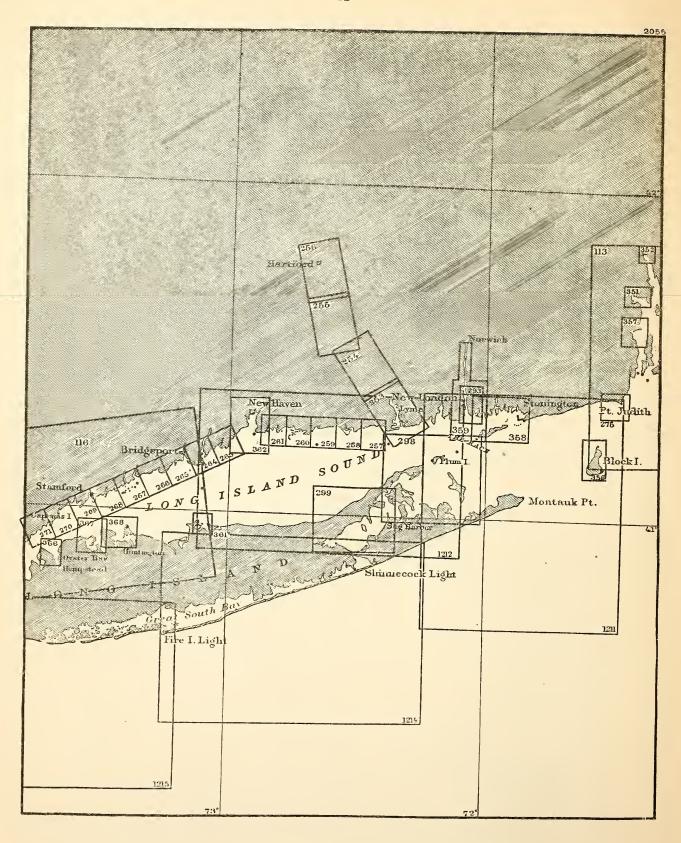
GEOGRAPHICAL ARRANGEMENT.

			Scz	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
109	Boston Bay and approaches	Massachusetts.	1 80,000	0. 91	33×39	1905	\$0.50
242	Cohasset Harbor	Massachusetts.	5,000	14.6	26×30	1915	. 30
243	Ipswich Bay to Gloucester Harbor	Massachusetts.	20,000	3. 65	34×39	1912	. 50
244	Salem Harbor and approaches.	Massachusetts.	1 20,000	3, 65	26×35	1914	. 25
337	Boston Harbor	Massachusetts.	40,000	1.82	30×35	1915	. 50
246	Boston Harbor	Massachusetts.	20,000	3.65	35×43	1915	. 50
248	Boston Inner Harbor	Massachusetts.	10,000	7. 30	33×41	1910	. 50
1208	Cape Cod Bay	Massachusetts.	80,000	0, 91	32×42	1915	. 50
338	Plymouth, Kingston, and Duxbury Harbors	Massachusetts.	40,000	1. 82	19×20	1911	. 25
339	Barnstable Harbor	Massachusetts.	20,000	3. 65	16×23	1914	. 20
340	Wellfleet Harbor	Massachusetts.	1 50,000	1. 46	14×17	1914	. 20
341	Provincetown Harbor	Massachusetts.	1 50,000	1. 46	14×17	1911	. 20
250	Eastern entrance to Nantucket Sound	Massachusetts.	40,000	1.82	24×34	1913	. 25
111	Nantucket Sound and eastern approaches	Massachusetts.	80,000	0. 91	27×37	1915	.50
112	Vineyard Sound and Buzzards Bay	Massachusetts.	1 80,000	0. 91	28×38	1914	. 50
113	Cuttyhunk to Block Island, including Narragansett Bay.	Mass. and R. I.	1 80,000	0. 91	27×37	1914	. 50
275	Point Judith Harbor of Refuge	Rhode Island.	10,000	7.30	19×19	1913	. 30



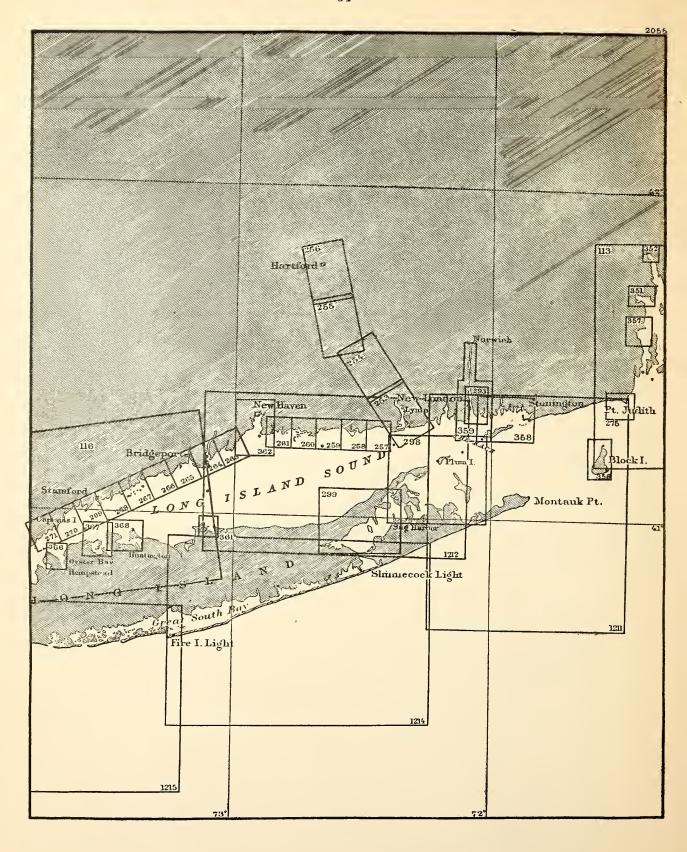
ATLANTIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued,						
343	Nantucket Harbor	Massachusetts	10,000	7.30	25×29	1911	\$0.25
247	Hyannis Harbor	Massachusetts	20,000	3, 65	25×27	1896	. 25
346	Edgartown Harbor, Marthas Vineyard	Massachusetts	20,000	3, 65	24×32	1902	. 25
347	Vineyard Haven	Massachusetts	10,000	7.30	27×36	1902	. 25
348	Woods Hole	Massachusetts	10,000	7.30	14×21	1911	. 25
345	Robinsons Hole and Quicks Hole	Massachusetts	10,000	7, 30	20×25	1902	. 25
297	Cuttyhunk Harbor	Massachusetts	10,000	7.30	19 × 22	1906	. 25
249	Buzzards Bay	Massachusetts	1 40,000	1.82	33×43	1913	. 50
251	Head of Buzzards Bay	Massachusetts	20,000	3.65	33 × 41	1915	. 50
252	New Bedford Harbor and approaches	Massachusetts	20,000	3.65	34×35	1913	. 50
353	Narragansett Bay	Rhode Island.	1 40,000	1.82	30×46	1913	.75
	Seekonk River		1 40,000	1.82			
3532	Newport Harbor and entrance to Narragansett Bay.	Rhode Island	20,000	3.65	24×37	1896	.40
262	Bradford coal depot and vicinity	Rhode Island	10,000	7.30	22×23	1914	. 25
354a	Bristol Harbor and approaches	Rhode Island	1 20,000	3,65	14×26	1913	. 20
355	Warren River	Rhode Island	10,000	7.30	15×19	1915	. 20
352	Providence Harbor	Rhode Island	10,000	7.30	15×19	1914	. 20
351	Greenwich Bay, Narragansett Bay	Rhode Island	1 20,000	3.65	14×17	1867	. 20
357	Wickford Harbor, Narragansett Bay	Rhode Island	1 20,000	3. 65	14×17	1905	. 20
356	Block Island	Rhode Island	1 10,000	7. 30	29×46	1914	. 50

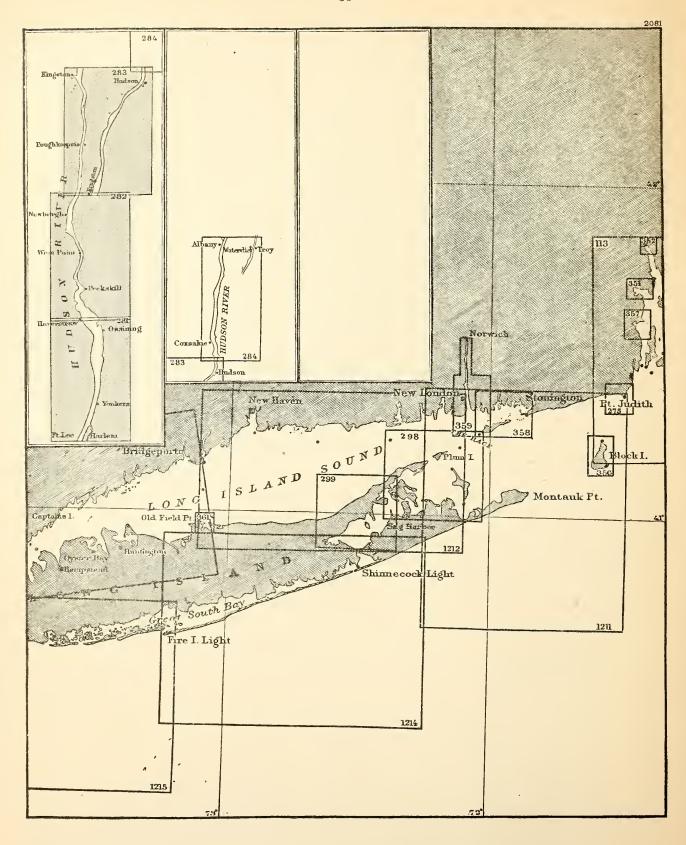


ATLANTIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

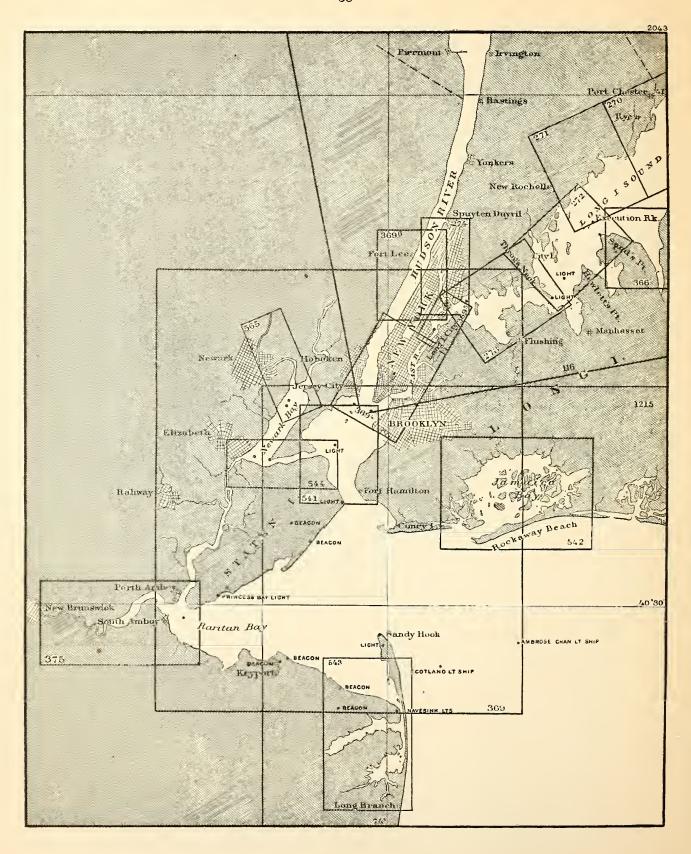
			Ser	ALE.	Size	Date	
Catalogue number.	TITLE.	State.	Average.	Inches to bautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
1212	Long Island Sound—Eastern Part	Conn. and N.Y.	80,000	0.91	28×44	1914	\$0.50
116	Long Island Sound—Stratford Shoal to New York.	Conn. and N.Y.	1 80,000	0.91	29×42	1910	. 50
358	Fishers Island Sound	Connecticut	20,000	3, 65	27×40	1911	.40
359	Thames River—Harbor of New London and approaches.	-Counecticut	20,000	3,65	25×42	1915	.40
293	New London Harbor and Naval Station	Connecticut	10,000	7.80	29×45	1915	. 50
	New London Naval Station		1 5,000	14. 59	-		
253	Connecticut River—entrance to Deep River	Connecticut	20,000	3.65	23 × 38	1911	. 25
254	Connecticut River—Deep River to Higganum	Connecticut	20,000	3.65	23×38	1911	. 25
255	Connecticut River—Higganum to Rocky Hill	Connecticut	20,000	3.65	23 × 38	1912	. 25
256	Connecticut River—Rocky Hill to Hartford	Connecticut	1 20,000	3, 65	23×38	1911	. 25
257	Cornfield Point to Duck Island.	Connecticut	10,000	7.30	34×43	1899	. 50
258	Clinton Harbor and approaches	Connecticut	10,000	7.30	34×43	1895	. 50
259	Madison to Guilford	Connecticut	10,000	7.30	34×40	1895	. 50
260	Guilford to Blackstone Rocks	Connecticut	10,000	7.80	34×38	1894	. 50
261	Blackstone Rocks to South End, including Branford Harbor.	Connecticut	10,000	7.30	34×43	1911	. 50
362	New Haven Harbor	Connecticut	20,000	3.65	26 × 87	1911	.20



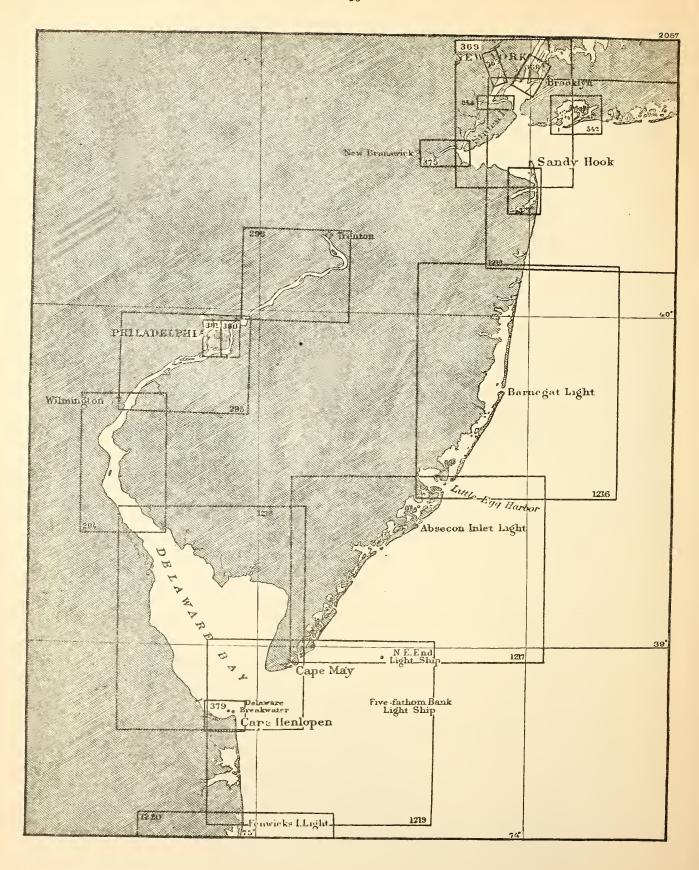
		-	Sez	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
263	Oyster River Point to Milford	Connecticut	10,000	7. 30	35×38	1911	\$0.50
264	Milford to Bridgeport	Connecticut	10,000	7.30	34×43	1911	. 50
265	East Bridgeport to Fairfield	Connecticut	10,000	7.30	35×43	1911	. 50
266	Fairfield to Georges Rock	Connecticut	1 10,600	7.30	35×43	1911	. 50
267	Georges Rock to Sheffield Island, including Saugatuck and Norwalk Rivers.	Connecticut	10,000	7.30	35×43	1911	. 50
268	Sheffield Island to Westcott Cove	Connecticut	10,000	7.30	34×43	1911	. 50
269	Stamford Harbor to Little Captain Island	Connecticut	10,000	7.30	34×36	1914	. 50
270	Little Captain Island to Rye Neck	N. Y. and Conn_	1 10,000	7. 30	34×38	1909	. 50
271	Rye Neck to New Rochelle	New York	10,000	7.30	34×43	1915	. 50
298	Gardiners Bay, Long Island	New York	1 40,000	1.82	29×31	1913	.25
299	Peconic Bay, Long Island	New York	1 40,000	1.82	22×27	1911	. 25
	Mattituck Inlet		10,000	7.30			
3614	Port Jefferson, Long Island	New York	10,000	7.30	24×29	1909	. 30
368	Huntington Bay, Long Island	New York	30,000	2.48	18×19	1911	. 20
367	Oyster Bay, Long Island	New York	30,000	2.48	15×20	1889	. 20
366	Hempstead Harbor	New York	20,000	3.65	15×21	1911	.20
			4				



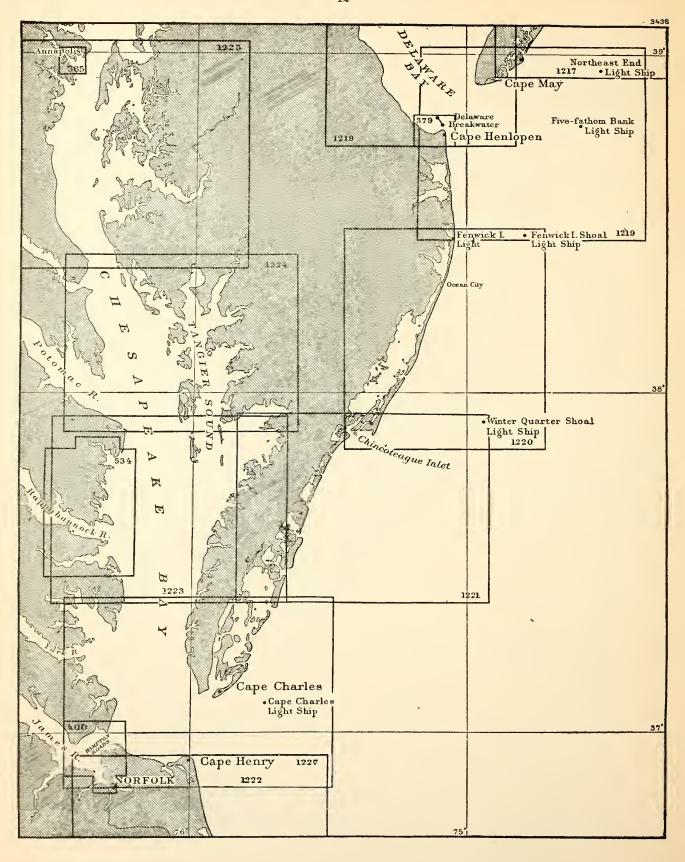
			Se.	ALE.			
Catalogue number.	TITLE.	State.	Average,	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price,
	COAST AND HARBOR CHARTS—Continued.						
1214	Shinnecock Light to Fire Island Light	New York	80,000	0. 91	31×43	1913	\$0.50
1215	Approaches to New York, Fire Island Light to Sea Girt Light.	N.Y. and N.J.	80,000	0.91	33×42	1914	. 50
281	Hudson River—New York to Haverstraw	N.Y. and N.J.	1 40,000	1.82	20×41	1911	. 50
282	Hudson River—Haverstraw to Newburgh	New York	40,000	1.82	20×42	1907	. 50
283	Hudson River—Poughkeepsie to Hudson	New York	1 40,000	1.82	30×41	1909	. 50
284	Hudson River—Coxsackie to Troy	New York	1 40,000	1.82	20 × 40	1915	. 50
1211	Block Island Sound	New York	80,000	0.91	32×40	1912	.50
l l							
		·			-	L	



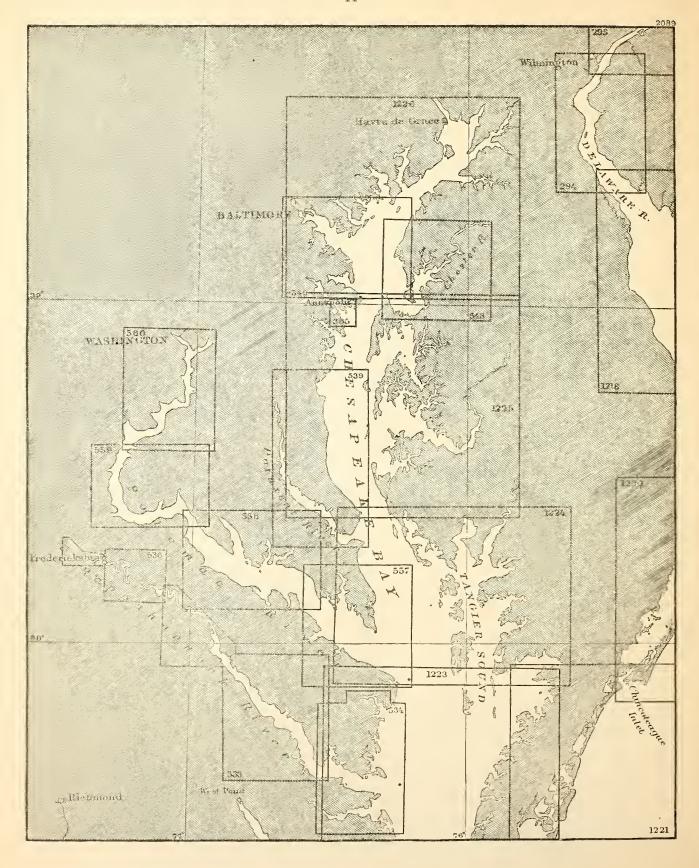
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile,	of border (inches).	last edition.	Price,
	COAST AND HARBOR CHARTS—Continued.						
369	New York Bay and Harbor	N.Y. and N.J.	40,000	1.82	39×48	1914	\$0.75
272	New Rochelle to Throgs Neck	New York	10,000	7.30	35×43	1899	.50
273	Throgs Neck to Randall Island	New York	10,000	7.30	35×43	1915	. 50
274	Harlem River	New York	10,000	7.30	21×41	1914	. 25
369 5	Hell Gate and East River, from Blackwells Island to Lawrence Point.	New York	1 5,000	14.59	25×42	1913	. 50
3694	Hudson and East Rivers, from West 67th Street to Blackwells Island.	N.Y.andN.J.	1 10,000	7.30	30×45	1914	. 50
369 ⁸	Hudson River, from 53d Street, New York, to Fort Washington.	New York	10,000	7.30	27×40	1913	. 50
541	New York Harbor, Upper Bay and Narrows (anchorage chart).	N.Y. and N.J.	10,000	7.30	34×43	1914	. 50
542	Jamaica Bay and Rockaway Inlet	New York	1 	3, 65	28×36	1911	. 50
565	Passaic River, Newark Bay to Belleville	New Jersey	10,000	7.30	21×37	1914	. 25
375	Raritan River	New Jersey	20,000	3, 65	19×34	1911	. 50
543	Shrewsbury River	New Jersey	20,000	3. 65	22×33	1911	. 30
544	Kill van Kull	N.Y. and N.J.	15,000	4.86	14 × 32	1913	. 30



			Sca	ALE.	Sîze	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	Coast and Harbor Charts—Continued.						
1216	Sea Girt Light to Little Egg Inlet	New Jersey	80,000	0.91	33×40	1915	\$0.50
	Little Egg Inlet		40,000	1.82			
1217	Little Egg Harbor to Hereford Inlet	New Jersey	80,000	0.91	32×41	1915	. 50
	Absecon Inlet		1 40,000	1.82			
379	Cape Henlopen and the Delaware Breakwater	Delaware	20,000	3. 65	20×27	1914	. 25
1218	Delaware Bay	N. J. and Del.	80,000	0. 91	31×38	1913	. 50
294	Delaware River—Bombay Hook to Wilmington	N. J. and Del.	1 40,000	1.82	29×45	1913	. 50
295	Delaware River—Wilmington to Philadelphia	N. J. and Pa	1 40,000	1. 82	32×44	1915	. 50
296	Delaware River—Philadelphia to Trenton	N. J. and Pa	1 40,000	1, 82	28×33	1914	. 50
380	Philadelphia water front, Delaware River	Pennsylvania.	9,600	7. 60	26×51	1911	. 50
381	Philadelphia water front, Schuylkill River	Pennsylvania.	9,600	7. 60	26×51	1911	. 50
	*					The second secon	

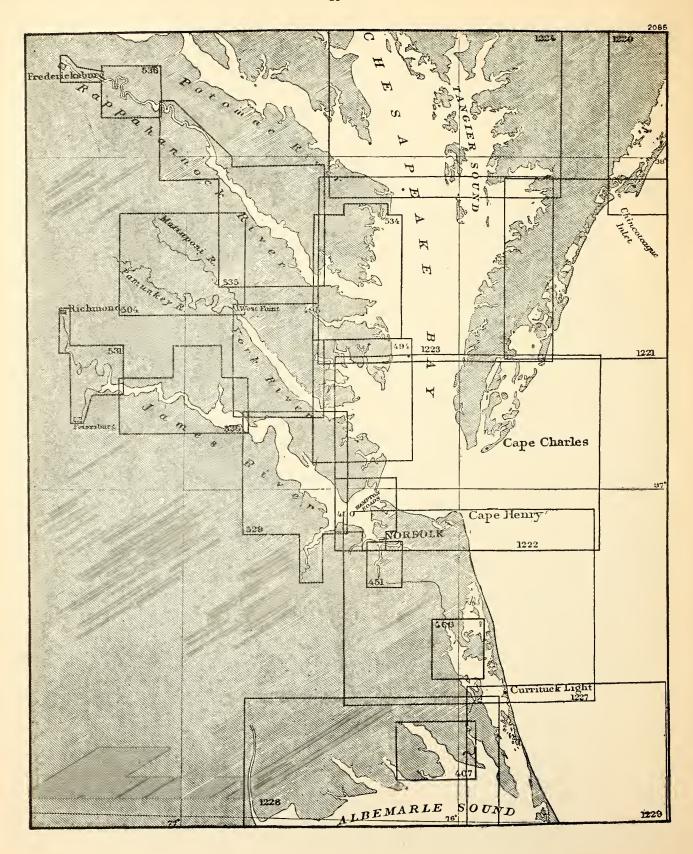


			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
1219	Cape May to Fenwick Island Light	N. J. and Del.	1 80,000	0. 91	37×32	1914	\$0,50
1220	Fenwick Island Light to Chincoteague Inlet	Md. and Va	80,000	0.91	33×38	1912	. 50
1221	Chincoteague Inlet to Hog Island Light	Virginia	80,000	0. 91	41×31	1912	. 50
1222	Entrance to Chesapeake Bay	Virginia	80,000	0.91	33 × 43	1915	. 50
1223	Chesapeake Bay—Wolftrap to Smith Point	Md. and Va	80,000	0.91	30×38	1912	.50
1224	Chesapeake Bay—Smith Point to Cove Point	Md. and Va	80,000	0.91	31×41	1913	. 50
	•						
	·						
	·						

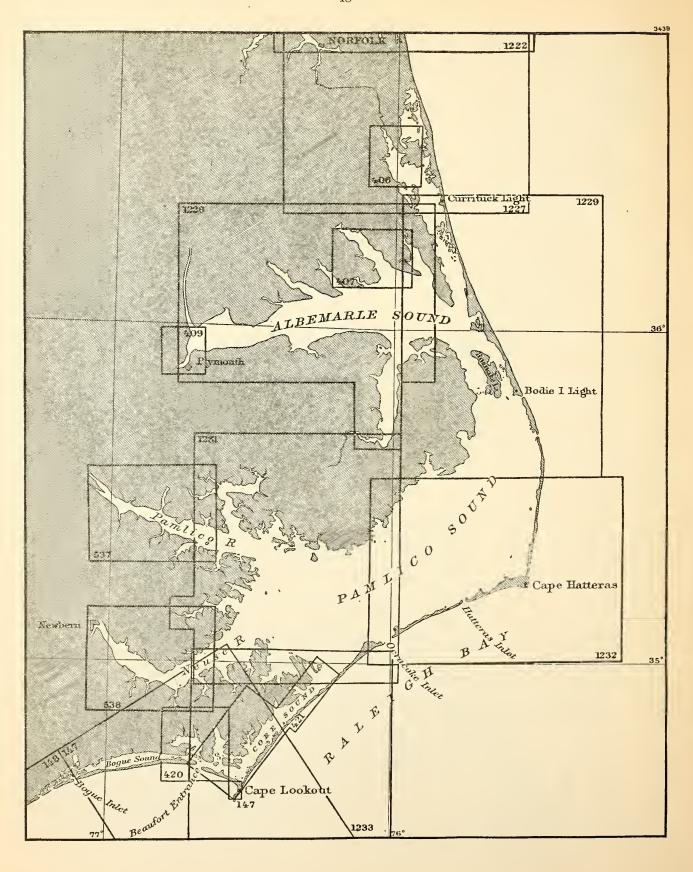


ATLANTIC COAST—Continued.

			Sea	LE.	Size		
Catalogue number,	TITLE.	State.	Average,	Inches to nautical mile.	of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
1225	Chesapeake Bay—Cove Point to Sandy Point	Maryland	80,000	0. 91	35×38	1913	\$0.50
1226	Chesapeake Bay—Sandy Point to head of Bay	Maryland	1 80,000	0, 91	38×38	1913	. 50
549	Baltimore Harbor	Maryland	1 40,000	1.82	33×36	1905	. 50
885	Annapolis Harbor	Maryland	10,000	7. 30	30×33	1911	.50
539	Patuxent River	Maryland	1 40,000	1.82	31×37	1909	. 50
557	Potomac River, entrance to Piney Point	Md. and Va	1 40,000	1,82	35×40	1913	.50
558	Potomac River, Piney Point to Lower Cedar Point.	Md. and Va	1 40,000	1.82	34×45	1907	. 50
559	Potomac River, Lower Cedar Point to Mattawoman Creek.	Md. and Va	1 40,000	1.82	30×39	1907	, 50
560	Potomac River, Mattawoman Creek to Georgetown.	Md. and Va	1 40,000	1.82	29×41	1911	. 50
	Washington Harbor	••••••	20,000	3. 65	 -		
534	Rappahannock River, entrance to Tolls Point, including Great Wicomico River.	Virginia	1 40,000	1.82	32×41	1910	.50
535	Rappahannock River—Tolls Point to Marsh Point.	Virginia	1 40,000	1,82	33×40	1911	. 50
536	Marsh Point to Fredericksburg	Virginia	20,000	3,65	33×41	1911	. 50
548	Chester River	Maryland	40,000	1.83	33×35	1912	. 50

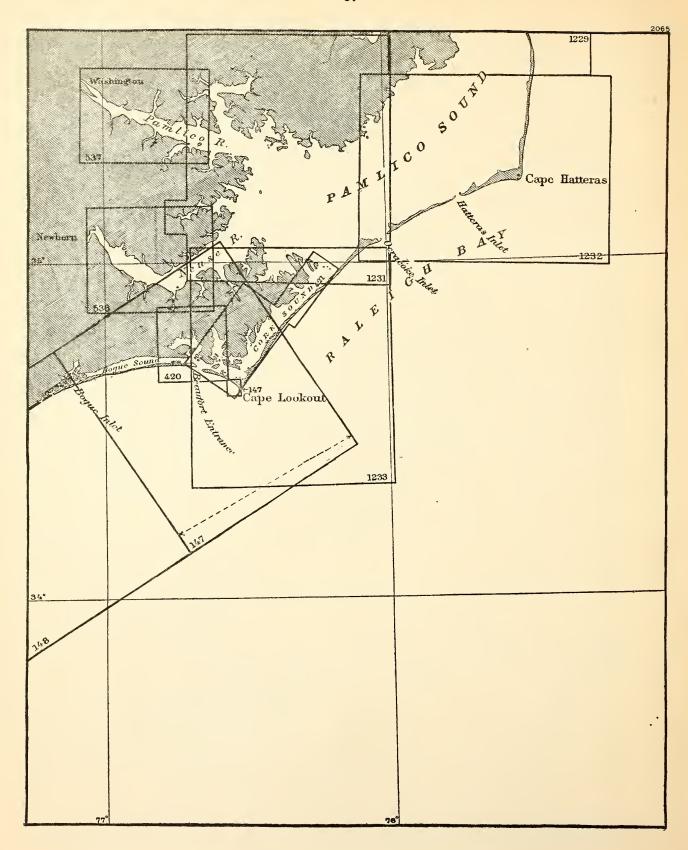


			Sca	ALE,	Size	Date of	
Catalogue number,	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
494	York River, entrance to Yorktown	Virginia	40,000	1.82	32×42	1912	\$0.50
495	York River, Yorktown to Westpoint	Virginia	40,000	1.82	31×40	1914	, 50
400	Hampton Roads, with continuation to Norfolk	Virginia	20,000	3.65	34×41	1915	. 50
529	James River, Newport News to Jamestown	Virginia	40,000	1.82	34×40	1912	.50
530	James River, Jamestown to Jordan Point	Virginia	1 40,000	1.82	21×40	1914	.50
531	James River, Jordan Point to Richmond	Virginia	40,000	1.82	30×40	1914	. 50
1227	Cape Henry to Currituck Beach Light.	Virginia	80,000	0.91	32×41	1913	. 50
504	Pamunkey and Mattaponi Rivers	Virginia	40,000	1.82	34×41	1914	. 50
451	Southern Branch of Elizabeth River	Virginia	20,000	3. 65	22×30	1914	.80



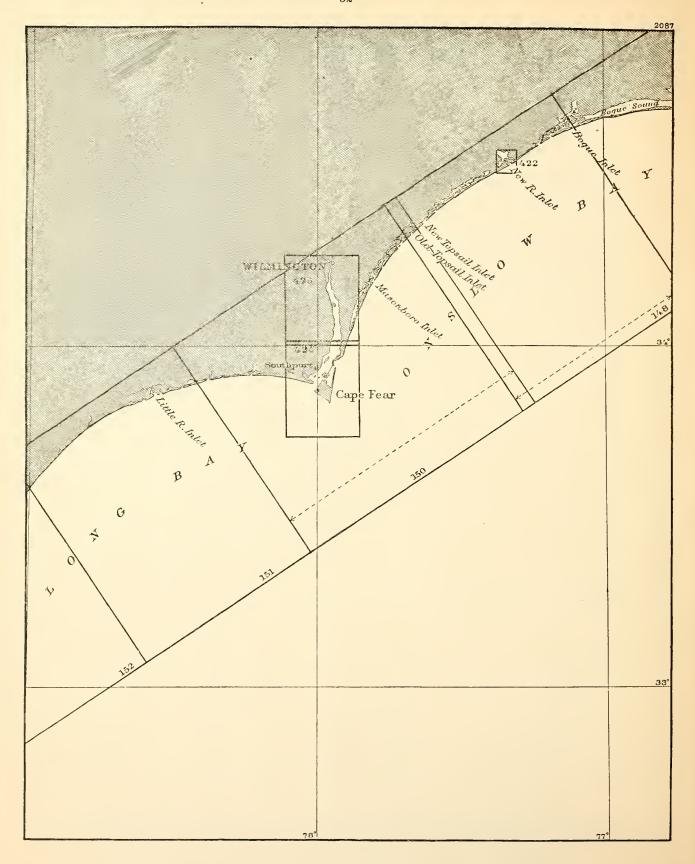
ATLANTIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

G-4-1			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	State.	Λ verage.	Inches to nautical mile.	of border (inches.)	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
406	North Landing River	Virginia	1 40,000	1.82	17×20	1882	\$0.20
1229	Currituck Beach to New Inlet	N. Carolina	1 80,000	0.91	32×46	1913	. 50
1228	Albemarle Sound	N. Carolina	1 80,000	0.91	31×33	1913	. 50
407	Pasquotank River	N. Carolina	60,000	1.22	14×17	1911	. 20
409	Mouth of Roanoke River	N. Carolina	30,000	2.43	18×21	1864	.10
1231	Pamlico Sound, western part	N. Carolina	1 80,000	0.91	34×42	1915	.50
1232	Cape Hatteras: Wimble Shoal to Ocracoke Inlet.	N. Carolina	80,000	0.91	32×42	1914	.50
537	Pamlico River	N. Carolina	1 40,000	0.91	30×41	1914	.50
538	Neuse River and upper part of Bay River	N. Carolina	1 40,000	0.91	31×42	1915	. 50
							_

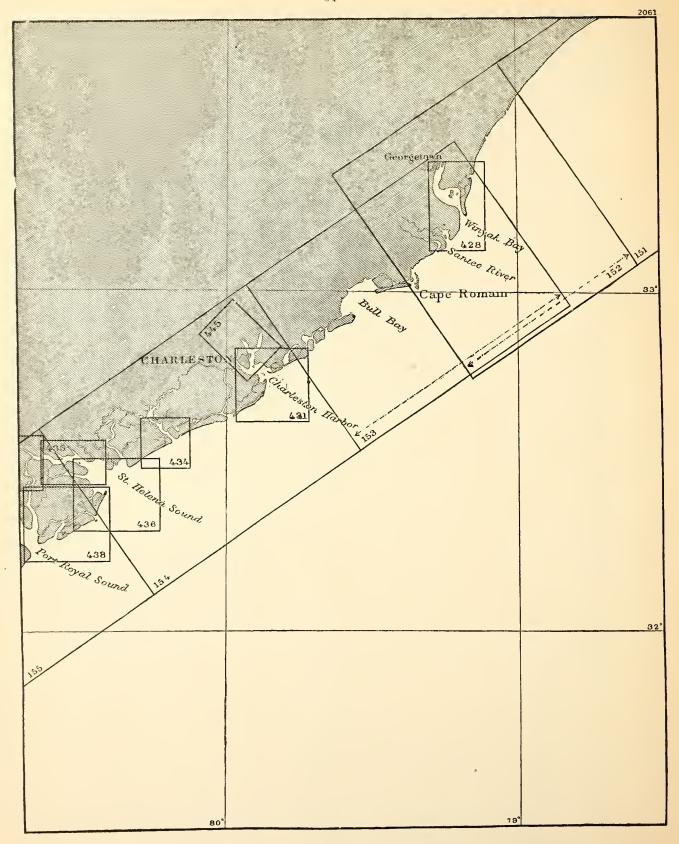


ATLANTIC COAST—Continued.

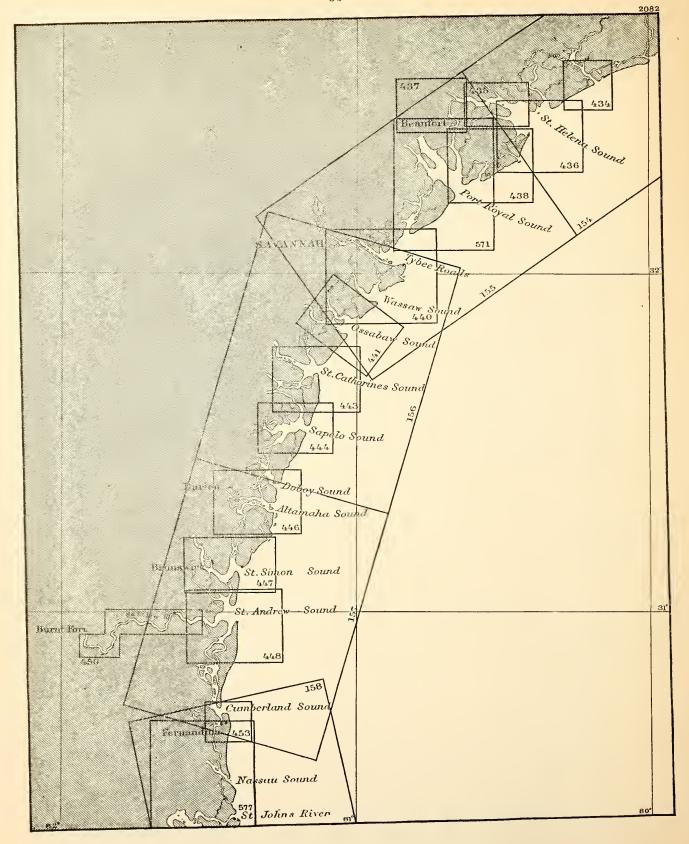
			Sca	ALE.	Siza	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						,
421	Core Sound and Straits	N. Carolina	1 40,000	1.82	20×33	1915	\$0. 20
420	Beaufort Harbor	N. Carolina	40,000	1.82	23×24	1915	. 25
147	Core Sound to Bogue Inlet, including Cape Lookout.	N. Carolina	80,000	0. 91	32×40	1915	. 50
	Cape Lookout Bight		20,000	3. 64			
1233	Portsmouth Island to Beaufort, including Cape Lookout Shoals.	N. Carolina	80,000	0. 91	33×43	1915	. 50
	· Lookout Bight		20,000	3, 64			
							()



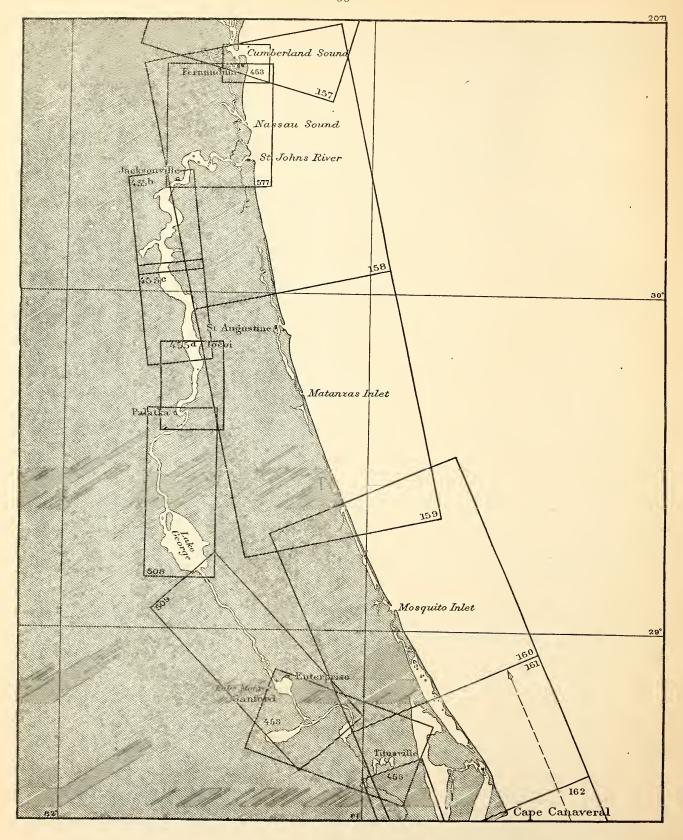
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical raile.	of border (inches).	last edition.	Price.
	Coast and Harbor Charts—Continued.						
148	Bogue Inlet to Old Topsail Inlet	N. Carolina	1 80,000	0.91	32×40	1889	\$0.50
422	New River Inlet	N. Carolina	10,000	7.30	26×31	1912	. 25
150	Old Topsail Inlet to Shallotte Inlet, including Cape Fear.	N. Carolina	80,000	0.91	32×40	1914	.50
424	Cape Fear River, entrance to Reeves Point	N. Carolina	1 40,000	1.82	24×30	1915	.50
425	Cape Fear River, Reeves Point to Wilmington	N. Carolina	1 40,000	1.82	24×30	1913	.50
151	Little River Inlet and part of Long Bay	S. Carolina	1 80,000	0. 91	32×40	1888	. 50
-							



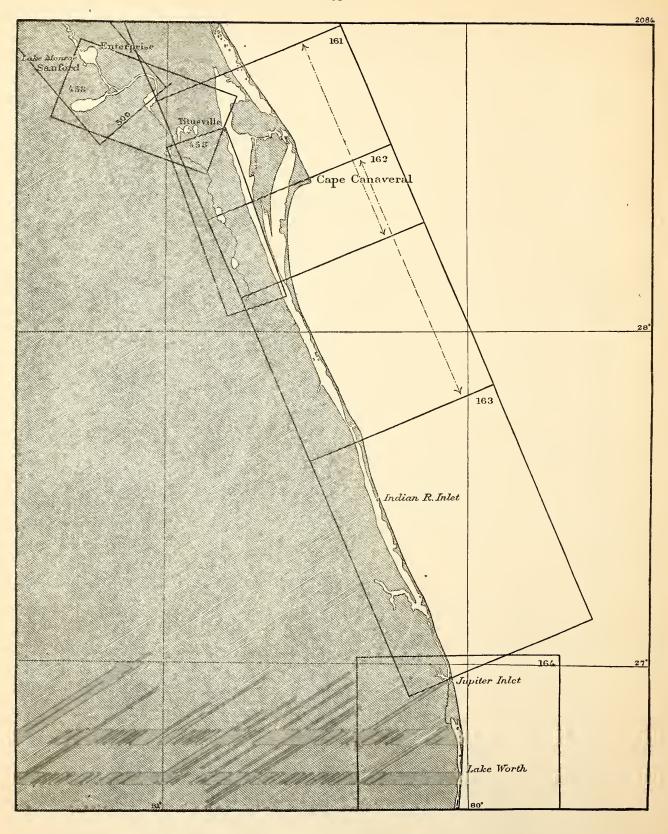
		Scale.		Size	Date of	
TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
COAST AND HARBOR CHARTS—Continued.						
Murrell Inlet to Cape Romain, including Winyah Bay.	S. Carolina	80,000	0. 91	32×40	1908	\$0.50
North Island to Isle of Palms, including Cape Romain.	S. Carolina	80,000	0.91	32×40	1908	. 50
Winyah Bay	S. Carolina	1 40,000	1.82	18×29	1912	.25
Isle of Palms to Hunting Island	S. Carolina	80,000	0. 91	32×40	1911	. 50
Charleston Harbor	S. Carolina	30,000	2.43	30×32	1914	. 50
Charleston and vicinity	S. Carolina	20,000	3. 65	31×35	1915	. 50
North Edisto River	S. Carolina	50,000	1.46	14×17	1856	.20
Bull and Combahee Rivers	S. Carolina	1 40,000	1.82	15×22	1915	.20
St. Helena Sound	S. Carolina	40,000	1.82	24×28	1903	. 25
			٠			
	Murrell Inlet to Cape Romain, including Winyah Bay. North Island to Isle of Palms, including Cape Romain. Winyah Bay Isle of Palms to Hunting Island Charleston Harbor Charleston and vicinity North Edisto River Bull and Combahee Rivers	Murrell Inlet to Cape Romain, including Wingah Bay. North Island to Isle of Palms, including Cape Romain. Winyah Bay. S. Carolina S. Carolina Isle of Palms to Hunting Island. Charleston Harbor. Charleston and vicinity. North Edisto River. Bull and Combahee Rivers. S. Carolina S. Carolina S. Carolina S. Carolina	COAST AND HARBOR CHARTS—Continued. 1 Murrell Inlet to Cape Romain, including Winyah Bay. S. Carolina 1 North Island to Isle of Palms, including Cape Romain. S. Carolina 1 Winyah Bay S. Carolina 1 Isle of Palms to Hunting Island S. Carolina 1 Charleston Harbor S. Carolina 1 Charleston and vicinity S. Carolina 1 North Edisto River S. Carolina 1 Bull and Combahee Rivers S. Carolina 1 40,000 1	Coast and Harbor Charts—Continued. Murrell Inlet to Cape Romain, including Winyah Bay. S. Carolina 1 80,000 0.91	Average. nautical milled. COAST AND HARBOR CHARTS—Continued. Murrell Inlet to Cape Romain, including Winyah Bay. S. Carolina $\frac{1}{80,000}$ 0. 91 32 × 40 North Island to Isle of Palms, including Cape Romain. S. Carolina $\frac{1}{40,000}$ 1. 82 18 × 29 Winyah Bay S. Carolina $\frac{1}{80,000}$ 0. 91 32 × 40 Charleston Hunting Island S. Carolina $\frac{1}{80,000}$ 0. 91 32 × 40 Charleston Harbor S. Carolina $\frac{1}{30,000}$ 2. 43 30 × 32 Charleston and vicinity S. Carolina $\frac{1}{20,000}$ 3. 65 31 × 35 North Edisto River S. Carolina $\frac{1}{40,000}$ 1. 46 14 × 17 Bull and Combahee Rivers S. Carolina $\frac{1}{40,000}$ 1. 82 15 × 22	Average. nautical millo. Coast and Harbor Charts—Continued. Murrell Inlet to Cape Romain, including Winyah Bay. S. Carolina $\frac{1}{80,000}$ 0.91 32×40 1908 North Island to Isle of Palms, including Cape Romain. S. Carolina $\frac{1}{80,000}$ 0.91 32×40 1908 Winyah Bay S. Carolina $\frac{1}{80,000}$ 1.82 18×29 1912 Isle of Palms to Hunting Island S. Carolina $\frac{1}{80,000}$ 0.91 32×40 1911 Charleston Harbor S. Carolina $\frac{1}{30,000}$ 2.43 30×32 1914 Charleston and vicinity S. Carolina $\frac{1}{20,000}$ 3.65 31×35 1915 North Edisto River S. Carolina $\frac{1}{40,000}$ 1.82 15×22 1915 St. Helena Sound S. Carolina $\frac{1}{40,000}$ 1.82 24×28 1903



			Sca	LE.	Size	Date of	
Catalogue number,	TITLE.	State,	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	Coast and Harbor Charts—Continued.						
155	Hunting Island to Ossabaw Island	S. C. and Ga	80,000	0. 91	32×40	1910	\$0.50
437	Whale Branch; inside passage between Coosaw and Broad Rivers.	S. Carolina	40,000	1.82	18×25	1876	. 25
438	Beaufort River; inside passage between Port Royal and St. Helena Sounds.	S. Carolina	1 40,000	1.82	24×28	1897	. 25
571	Port Royal Sound	S. Carolina	1 40,000	1.82	33×37	1901	.50
156	Savannah to Sapelo Island	S. C. and Ga	80,000	0.91	32×41	1910	. 50
440	Tybee Roads, Savannah River, and Wassaw Sound.	S. C. and Ga	40,000	1.82	30×40	1 913	. 50
441	Ossabaw Sound	Georgia	30,000	2.43	23×36	1911	. 25
443	St. Catharines Sound	Georgia	1 40,000	1.82	21×29	1905	. 25
444	Sapelo Sound	Georgia	30,000	2.43	22×33	1905	. 25
157	Sapelo Island to Amelia Island	Georgia	80,000	0.91	32×41	1915	. 50
446	Doboy and Altamaha Sounds	Georgia	40,000	1.82	21×29	1913	. 25
447	St. Simon Sound, Brunswick Harbor, and Turtle River.	Georgia	1 40,000	1.82	19×29	1913	. 25
448	St. Andrew Sound	Georgia	1 40,000	1.82	23×29	1911	.25
450	Satilla River, Barclay Cut to Burnt Fort.	Georgia	20,000	3. 16	29×42	1912	.50

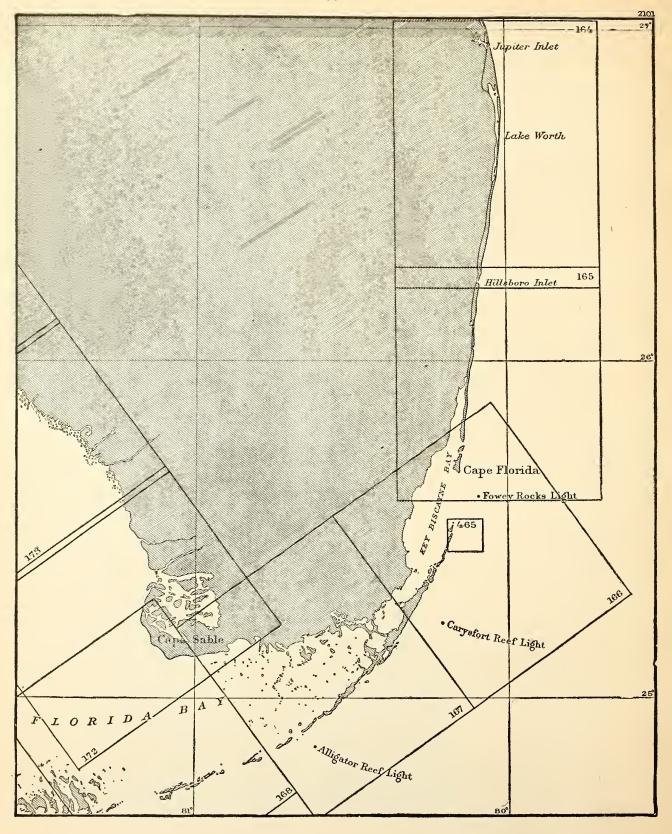


				Sca	ALE.	Ci	Date of last edition.	
Ca	talogue umber,	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).		Price.
		COAST AND HARBOR CHARTS—Continued.				1		
	158	St. Marys entrance, and southward to Latitude 30° N.	Ga. and Fla	80,000	0. 91	32×41	1915	\$0.50
	453	Ferrandina entrance	Florida	20,000	3.65	25×30	1913	. 25
	577	Fernandina to Jacksonville	Florida	1 40,000	1.82	33×41	1914	. 50
	455b	St. Johns River, Jacksonville to Hibernia	Florida	1 40,000	1.82	21×32	1911	. 40
	455c	St. Johns River, Hibernia to Racy Point	Florida	1 40,000	1.82	21×32	1900	. 40
	455d	St. Johns River, Tocoi to San Mateo	Florida	1 40,000	1.82	21×29	1910	. 40
	508	St. Johns River, Palatka to Lake George	Florida	1 40,000	1.82	30×32	1909	. 25
	509	St. Johns River, Lake George to Lake Harney	Florida	1 40,000	1.82	30×32	1914	. 25
	458	St. Johns River, Lake Monroe to Lake Washington.	Florida	80,000	0.91	26×29	1909	.40
	159	St. Augustine Inlet to Halifax River	Florida	80,000	0. 91	32×41	1882	. 50
	160	Halifax River to Mosquito Lagoon	Florida	1 80,000	0.91	32×35	1882	. 50

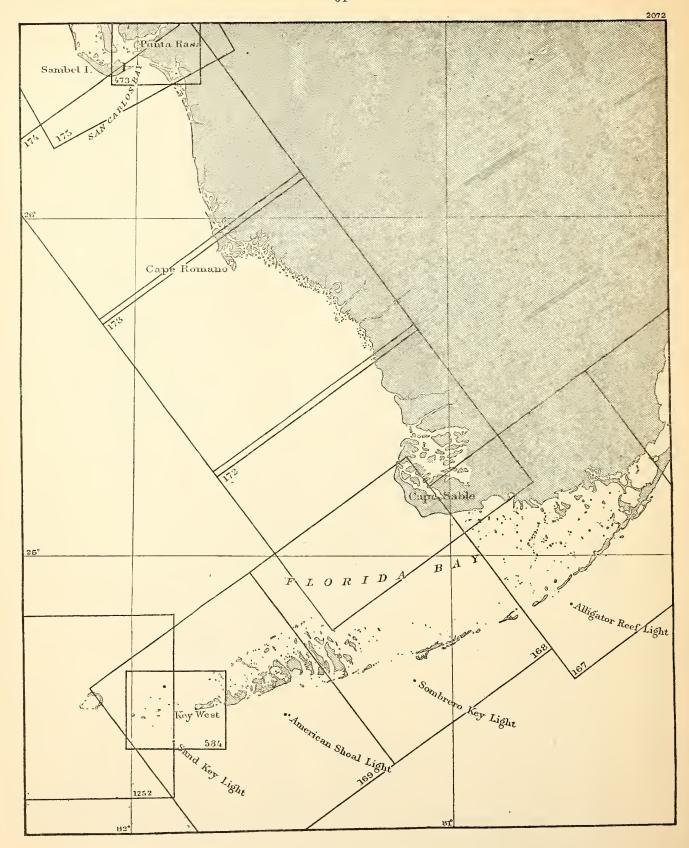


ATLANTIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

			Sca	ALE. Size	Size	Size Date of last ches) edition.	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches)		Price.
	COAST AND HARBOR CHARTS—Continued.						
161	Cape Canaveral	Florida	80,000	0.91	33 × 35	1883	\$0.50
162	Cape Canaveral southward to Latitude 27° 41′ N	Florida	- 1 80,000	0.91	82×43	1887	. 50
163	Latitude 27° 41′ N. to Jupiter Inlet	Florida	80,000	0.91	33×43	1887	.50
	(
						1	

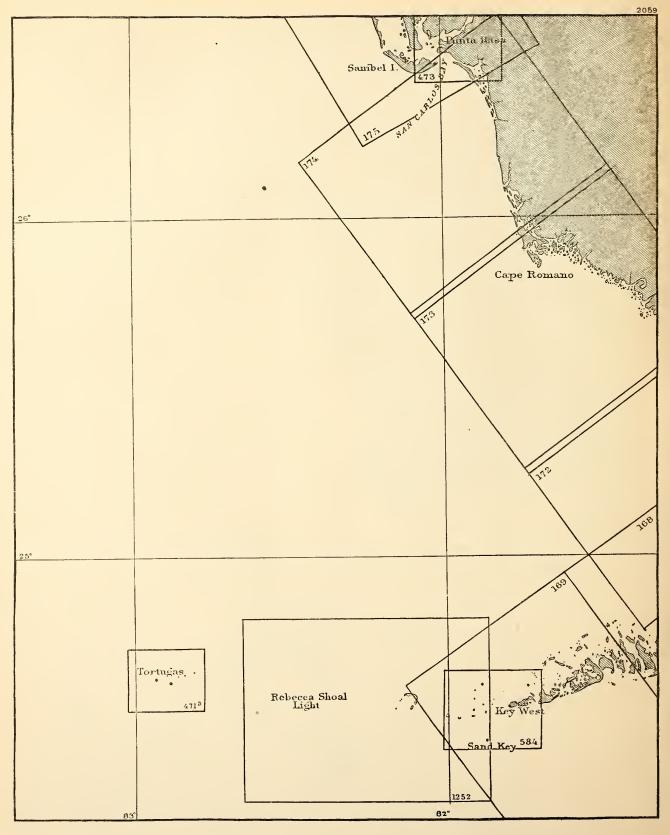


			Sca	LE.	Sizo	Date of	-
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (Inches).	last edition.	Price,
	COAST AND HARBOR CHARTS—Continued.						
164	Jupiter Inlet to Hillsboro Inlet	Florida	80,000	0.91	32×41	1887	\$0,50
165	Hillsboro Inlet to Fowey Rocks	Florida	80,000	0.91	32×41	1887	. 50
166	Key Biscayne to Carysfort Reef	Florida	80,000	0.91	31×39	1892	. 50
465	Legaré Anchorage	Florida	20,000	3, 65	22×22	1900	. 15
167	Elbow Key to Matecumbe Key	Florida	80,000	0.91	32×39	1907	. 50
-							
1							
			6				



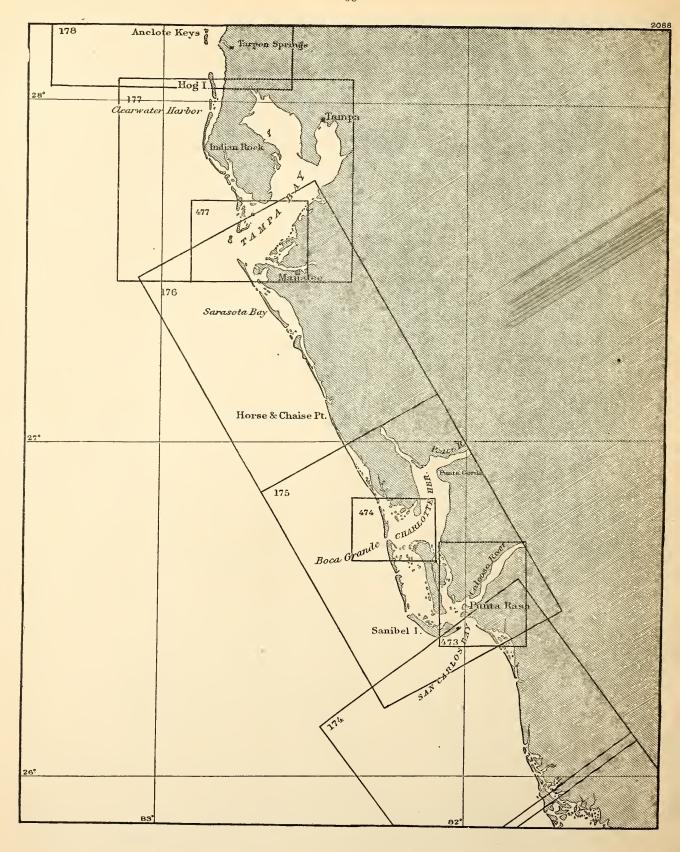
ATLANTIC AND GULF COASTS.

					1		
			Scale. Inches to nautical mile.		Size Da		-
Catalogue number.	TITLE.	State.			Size of border (inches).	Date of last edition.	Price,
	Coast and Harbor Charts—Continued.						
168	Long Key to Newfound Harbor Key	Florida	80,000	0.91	33×41	1895	\$0.50
169	Newfound Harbor Key to Boca Grande Key	Florida	80,000	0. 91	31×41	1913	. 50
584	Key West Harbor and approaches	Florida	30,000	2. 43	34×42	1914	. 50
172	Cape Sable to Seminole Point	Florida	80,000	0. 91	31×40	1895	. 50
173	Seminole Point to Big Marco Pass	Florida	80,000	0. 91	31×40	1893	. 50
	·						
1							



GULF COAST.

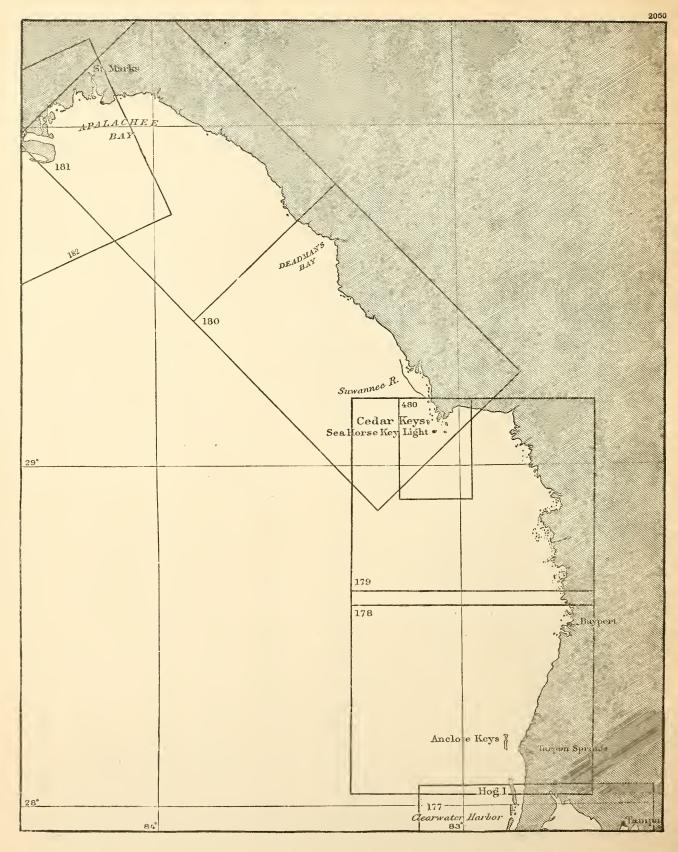
SCALE.							
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
1252	Sand Key Light to Rebecca Shoal	Florida	80,000	0. 91	30×40	1913	\$0.50
471a	Tortugas Harbor and approaches	Florida	1 40,000	1.82	21×24	1904	. 25
174	Big Marco Pass to San Carlos Bay	Florida	80,000	0. 91	31 × 40	1897	. 50
	,						
						K K	
	P						



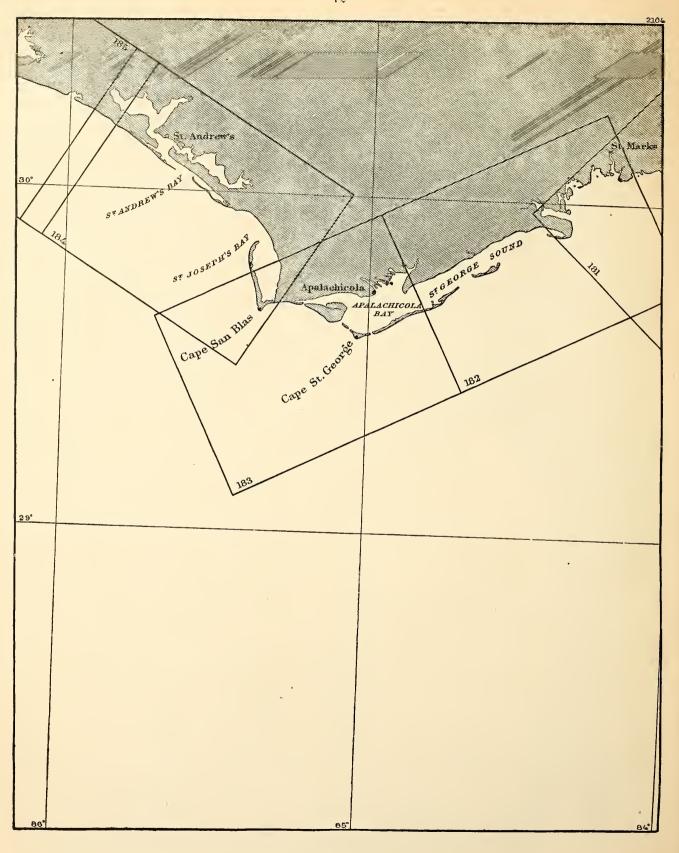
GULF COAST—Continued. GEOGRAPHICAL ARRANGEMENT.

			Sca	LE,	Size	Date of last edition.	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).		Price.
	COAST AND HARBOR CHARTS—Continued.						
175	San Carlos Bay to Lemon Bay, including Charlotte Harbor.	Florida	1 80,000	0.91	33×40	1895	\$0. 50
473	San Carlos Bay and Caloosahatchee River	Florida	1 40,000	1.82	28×35	1909	.25
474	Main entrance to Charlotte Harbor	Florida	1 40,000	1.82	22×27	1912	.25
176	Lemon Bay to Tampa Bay	Florida	1 80,000	0.91	33×42	1915	. 50
477	Entrance to Tampa Bay	Florida	1 40,000	1.82	27×38	1909	. 25 <mark>-</mark>
177	Tampa Bay	Florida	1 80,000	0.91	33×39	1909	. 50
		P					

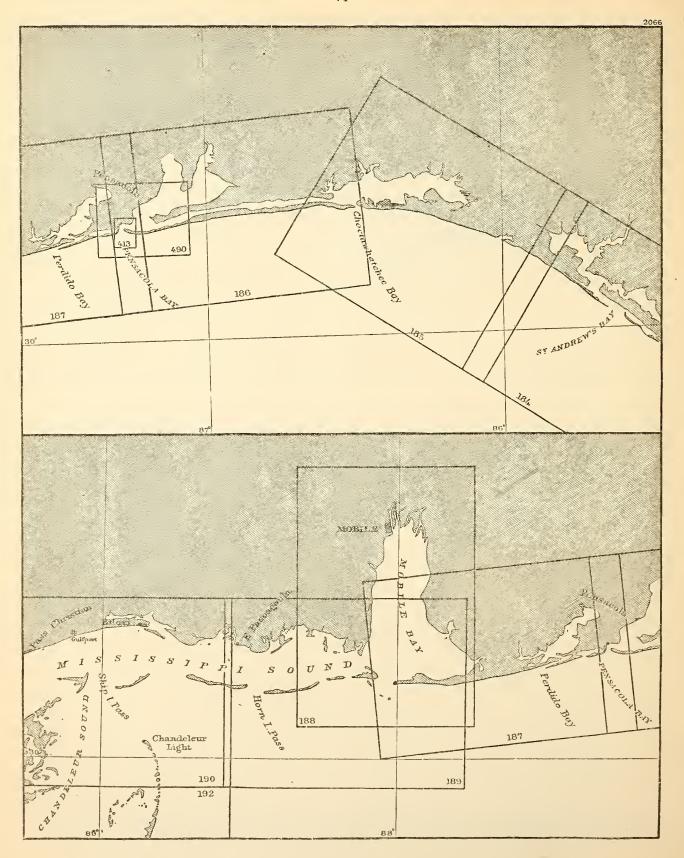
1.4



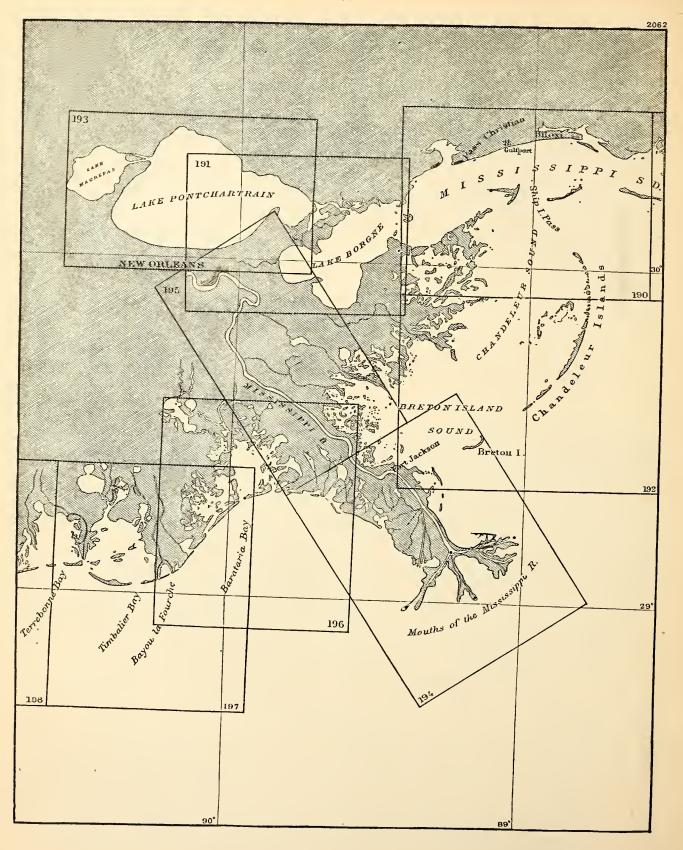
1							
Catalogue			Sca	LE.	Size	Date of	
number,	TITLE.	State,	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price,
	COAST AND HARBOR CHARTS—Continued.						
178	Hog Island to Wall Creek, including Anclote Anchorage.	Florida	80,000	0.91	33×39	1888	\$0,50
179	Wall Creek to Cedar Keys.	Florida	80,000	0.91	33×39	1890	. 50
480	Cedar Keys.	Florida	1 50,000	1.46	19×26	1887	.20
180	Cedar Keys to Deadmans Bay	Florida	80,000	0,91	32×42	1886	. 50
181	Apalachee Bay	Florida	80,000	0,91	32×41	1885	.50
			٥				
					ř		
							1



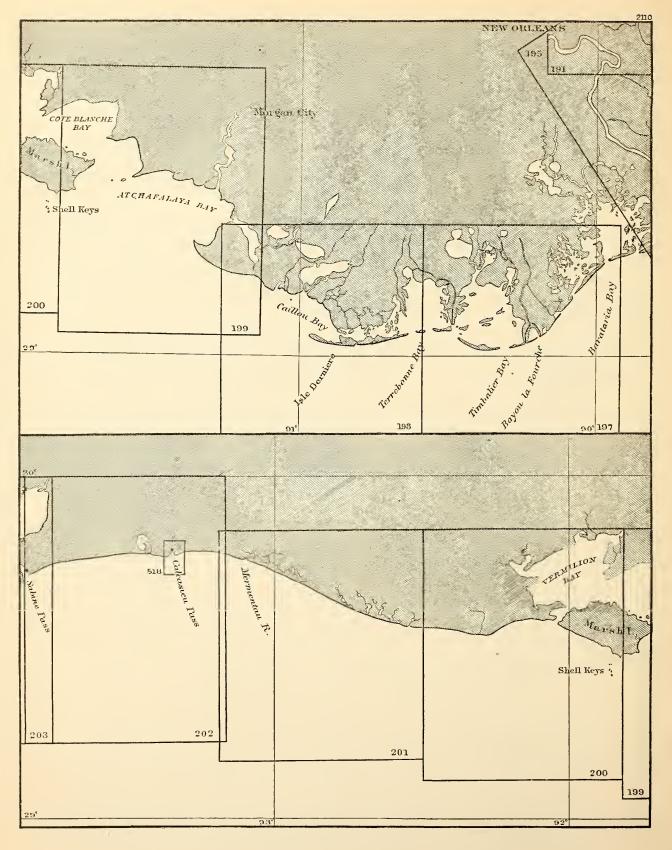
	Catalogue number.	TITLE.	State.	SCA		Size of border	Date of last	Price.
	number.			Average.	Inches to nautical mile.	(inches),	edition.	
		Coast and Harbor Charts—Continued.					-	
	182	Apalachee Bay and St. George Sound	Florida	80,000	0.91	33×41	1883	\$0.50
	183	Apalachicola Bay to Cape San Blas	Florida	80,000	0.91	32×41	1904	.50
	184	St. Josephs and St. Andrews Bays	Florida	80,000	0.91	32×41	1913	. 50
								1
								1
							j	
								1
-								



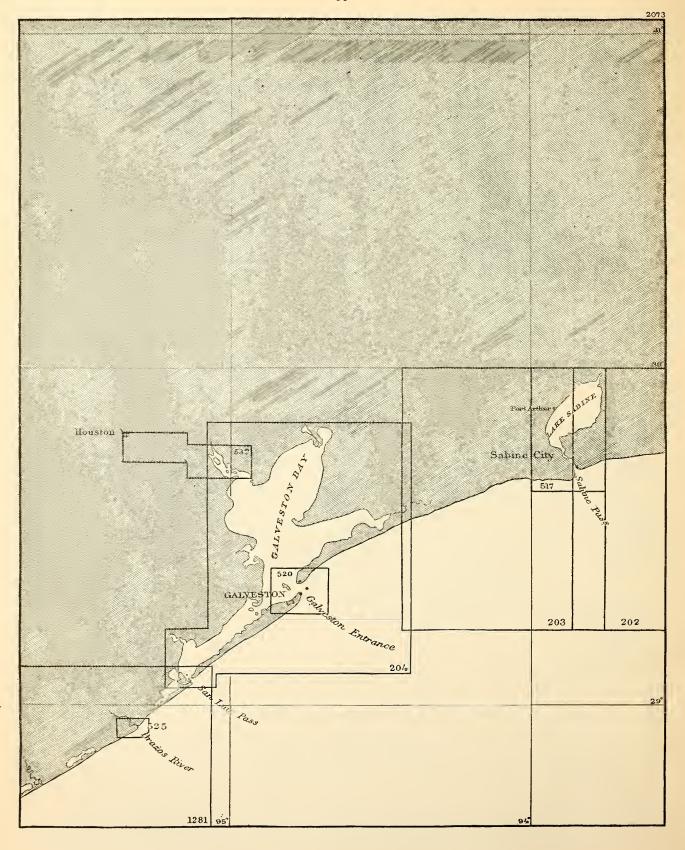
0.4.1			Sez	ALE.	Size	Date of	
Catalogue number.	TITLE,	State,	Average.	Inches to nautical mile.	Size of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
185	Choctawhatchee Bay	Florida	80,000	0. 91	32×41	1886	\$0.50
186	Choctawhatchee Inlet to Pensacola entrance	Florida	80,000	0.91	30×41	1901	. 50
490	Pensacola Bay	Florida	30,000	2.43	32×41	1914	. 25
413	Pensacola Bay entrance	Florida	10,000	7.30	27×38	1915	. 25
187	Pensacola Bay to Mobile Bay	Fla. and Ala	80,000	0.91	30×41	1909	. 50
188	Mobile Bay and entrance.	Alabama	1 80,000	0.91	28 × 38	1909	. 50
189	Mobile entrance and eastern part of Mississippi Sound.	Ala. and Miss.	80,000	0.91	32×41	1909	. 50
		2					



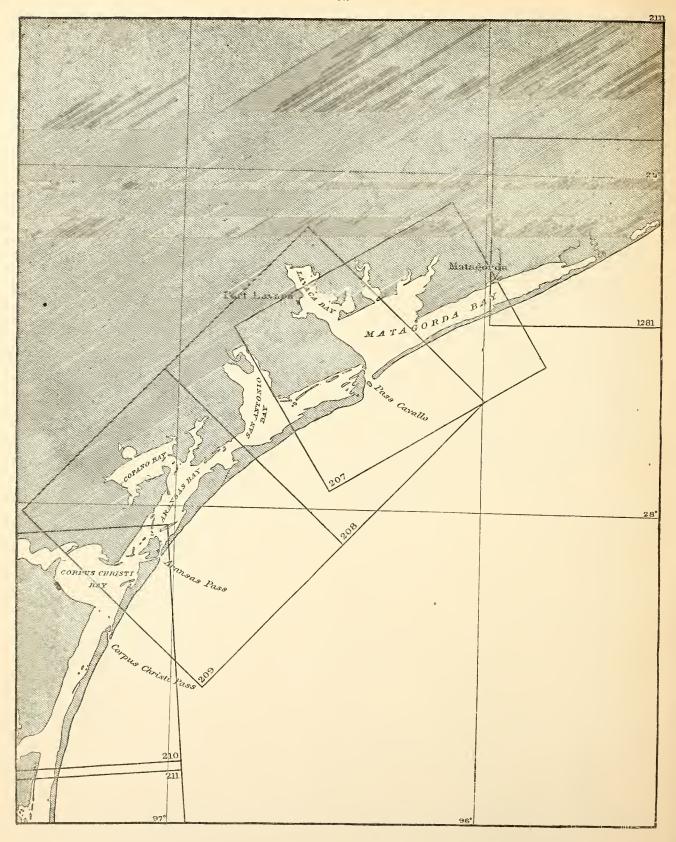
			Sca	LE.			
Catalogue number,	TITLE.	State.	Average.	Inches to	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
190	Round Island to St. Josephs Island	Miss. and La -	80,000	0.91	31×41	1908	\$0.50
191	Lakes Borgne and Pontchartrain	Louisiana	80,000	0. 91	27×36	1913	. 50
192	Chandeleur and Breton Island Sounds	Louisiana	1 80,000	0.91	32×42	1899	. 50
193	Lakes Pontchartrain and Maurepas	Louisiana	80,000	0.91	29×41	1906	.50
194	Mississippi River, from the passes to Grand Prairie.	Louisiana	1 80,000	0.91	32×41	1914	. 50
195	Mississippi River, Grand Prairie to New Orleans	Louisiana	1 80,000	0.91	23×41	1884	. 50
196	Barataria Bay and approaches	Louisiana	1 80,000	0.91	32×38	1908	. 50



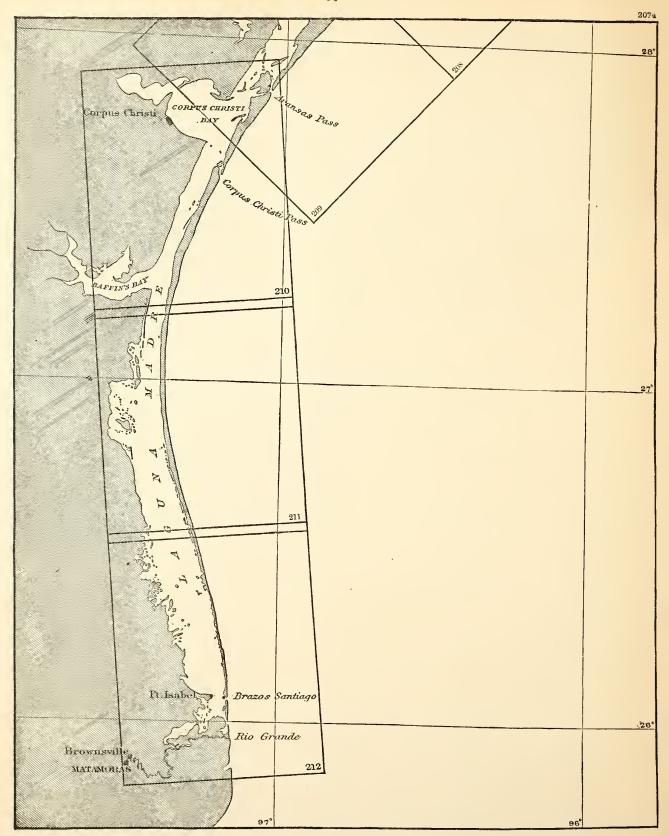
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average,	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
197	Barataria Bay to Terrebonne Bay	Louisiana	80,000	0. 91	33×41	1908	\$0.50
198	Caillou Bay and Ship Shoal	Louisiana	80,000	0. 91	32×41	1911	50
199	Point au Fer to Marsh Island	Louisiana	80,000	0.91	33×43	1911	. 50
200	Vermilion Bay to Pecan Island	Louisiana	80,000	0.91	33×41	1897	. 50
201	West End of Pecan Island to the Mermentau River.	Louisiana	80,000	0.91	32×37	1894	. 50
202	Calcasieu Pass to Sabine Light	Louisiana	80,000	0.91	33×42	1915	. 50
518	Calcasieu Pass	Louisiana	20,000	3 .6 5	14×20	1906	.20
	·						



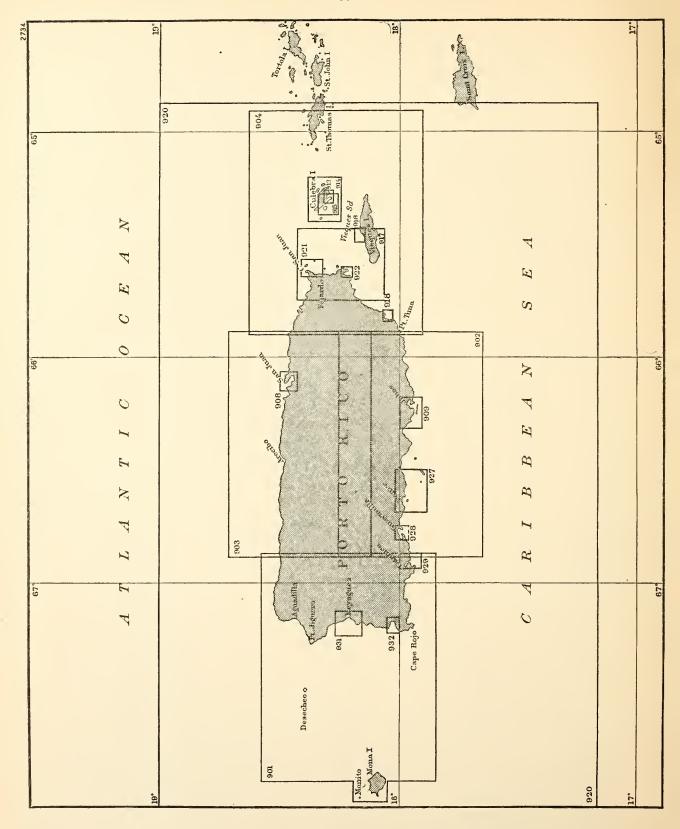
			Sal	LE.		-	
Catalogue number.	TITLE.	State.		Inches to	Size of border (inches).	Date of last edition.	Price.
			Average.	nautical mile.	(Helies).		
	COAST AND HARBOR CHARTS—Continued.						
203	Sabine Pass to High Island	Texas	80,000	0.91	33×42	1909	\$0.50
517	Sabine Pass and Lake	Texas	1 40,000	1.82	24×40	1911	. 50
204	Galveston Bay	Texas	1 80,000	0.91	33 × 41	1915	. 50
520	Galveston Entrance	Texas	1 40,000	1.82	15 × 21	1915	.15
532	Houston Ship Channel	Texas	1 25,000	3.04	29×34	1915	.50
525	Brazos River entrance	Texas	10,000	7.30	29×39	1914	.50
1281	San Luis Pass to Matagorda Bay	Texas	80,000	0.91	32×46	1915	.50
	,						



			Sca	LE.	Cina	Data of	
Catalogue number.	TITLE.	State.	Average,	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
207	Matagorda Bay	Texas	80,000	0, 91	32×40	1909	\$0.50
208	Pass Cavallo, Lavaca, and San Antonio Bays	Texas	80,000	0. 91	32×41	1888	. 50
209	Aransas Pass, Aransas and Copano Bays	Texas	80,000	0.91	32×41	1900	. 50
					4		
	•						
			•				

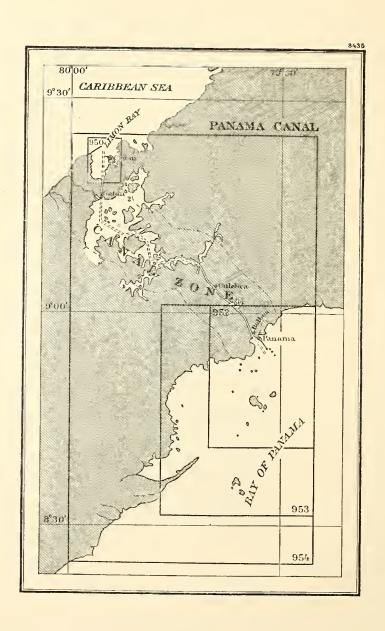


			Sca	LE.	a.		
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price,
210	COAST AND HARBOR CHARTS—Continued. Aransas Pass and Corpus Christi Bay, with the coast to Latitude 27° 12′.	Texas	1 89,000	0, 91	32×41	1913	\$0.50
211	coast to Latitude 27° 12′. Padre Island, Latitude 27° 12′ to Latitude 26° 33′.	Texas	1 80,000	0.91	32×41	1913	. 50
212	Latitude 26° 33′ to the Rio Grande	Texas	1 80,000	0, 91	32×41	1913	. 50



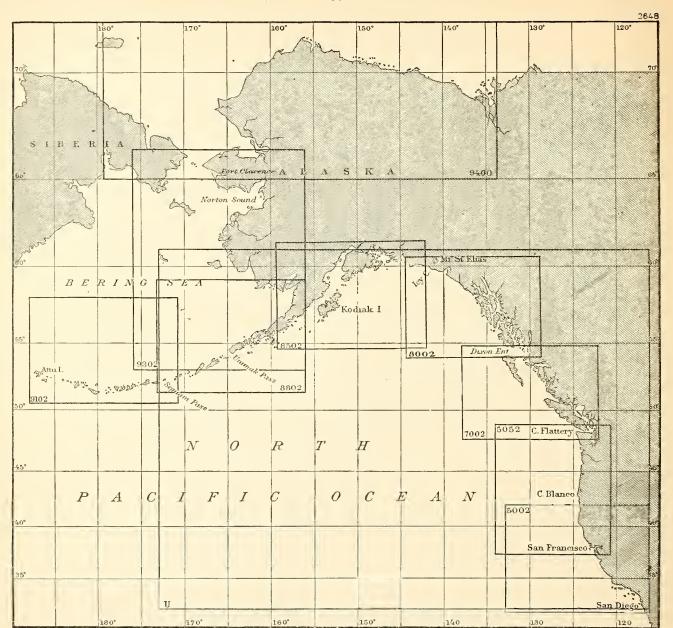
CHARTS OF THE WEST INDIES.

Catalogue number.	TITLE.		Average.	Inches to degree of mid-latitude.	Size of border (inches.)	Date of last edition.	Price.
920	GENERAL CHART OF THE COA		1 325,000	13, 5	26×41	1910	\$0.50
Catalogue number.	. TITLE.	Island.	Sca Average.	Inches to	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS.		-	mile.			
901	West Coast of Porto Rico		190,000	0.73	26×41	1910	\$0.50
902	South Coast of Porto Rico.		100,000	0.73	31 × 43	1908	. 50
903	North Coast of Porto Rico	 	100,000	0.73	31×42	1909	.50
904	Virgin Passage and Vieques Sound		1 100,000	0.73	32×42	1912	. 50
908	San Juan Harbor	Porto Rico	1 10,000	7.30	32×39	1912	.50
921	Fajardo Harbor and approaches	Porto Rico	1 10,000	7.30	32×41	1902	. 50
922	Ensenada Honda	Porto Rico	1 10,000	7.30	24×24	1903	.25
916	Port Mulas and approaches	Vieques	1 10,000	7.30	23×26	1903	. 25
917	San Juan Passage to Port Humaca and western part of Vieques Island.	, 	1 40,000	1.82	34×42	1911	. 50
914	Culebra Island and approaches		20,000	3,65	32×43	1914	. 50
913	Great Harbor	Culebra	6,500	11.23	31 × 38	1914	. 50
918	Port Yabucoa	Porto Rico	1 10,000	7.30	19 × 26	1910	. 25
909	Jobos Harbor	Porto Rico		3,65	30 × 33	1909	.25
927	Ponce Harbor and approaches	Porto Rico		3.65	32×46	1908	.50
928	Guayanilla Harbor	Porto Rico		7.30	34×36	1903	.50
929	Guanica Harbor	Porto Rico		7. 30	30 × 36	1903	. 50
932	Boqueron Bay	Porto Rico		7.30	23×24	1905	. 25
931	Mayaguez Bay and approaches	Porto Rico	1 15,000	4.86	31×35	1911	. 50
915	Target Bay and vicinity	Culebra	10,000	7. 30	25×37	1914.	. 25



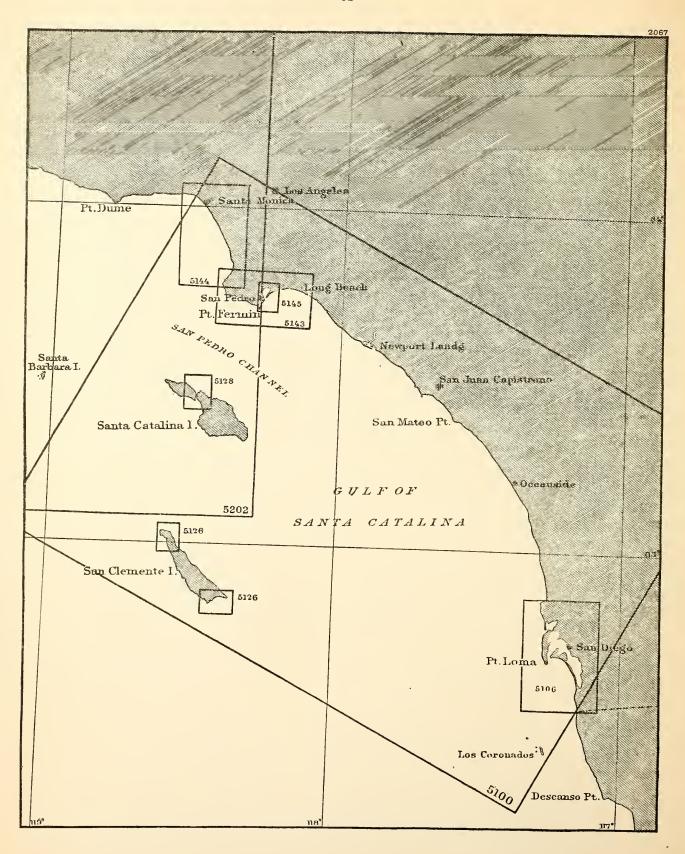
PANAMA—CANAL ZONE. GEOGRAPHICAL ARRANGEMENT.

	CISCUM HOLD MULLINGING					
Catalogue number.	TITLE.		Iuches to nautical miles.	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS.					
950	Colon Harbor, Panama	1 15,000	4.86	28×39	1915	\$0.50
952	Approaches to Panama Canal, Pacific Coast	1 40,000	1.83	28×38	1915	. 50
953	Approaches to Panama Canal, Pacific Coast	80,000	0.91	21×29	1915	. 30
954	Panama Canal and approaches	1 145, 925	0.50	18×31	1914	.30
		}				
			*			
		1				
	·					
	-					

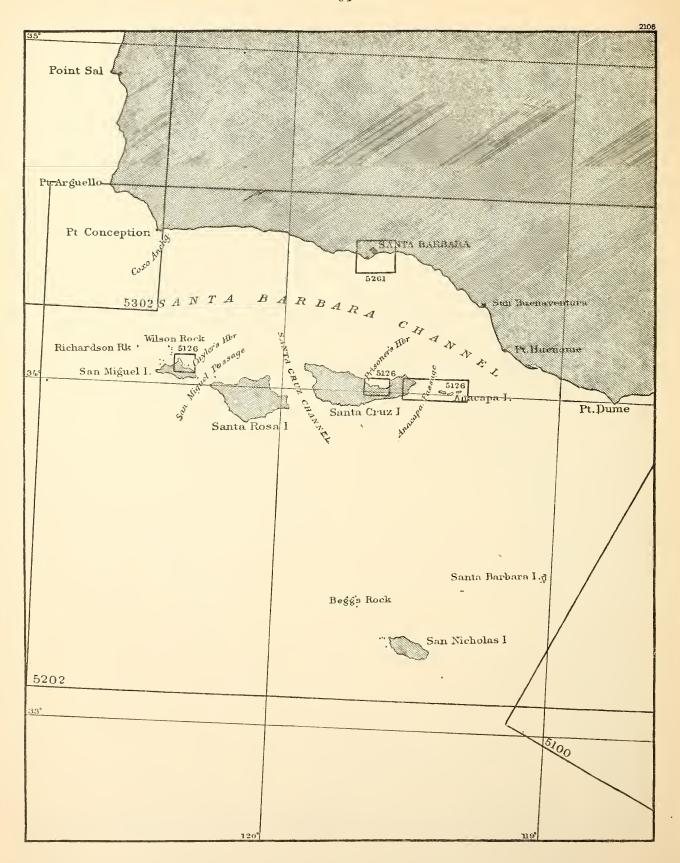


CHARTS OF THE PACIFIC COAST.

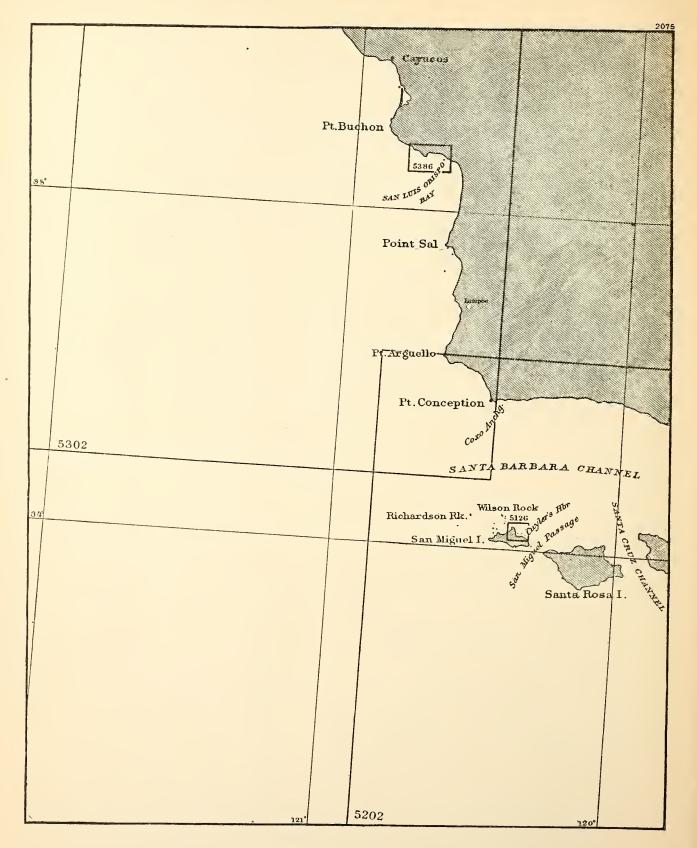
		s	CALE.	Size	Date of	
Catalogue number,	TITLE,	Average.	Inches to degree of mid-latitude,	of border (inches).	last edition.	Price.
	SAILING CHARTS.					
U.	San Diego to Bering Sea	- 1 1 500,000	0.0162	29×38	1913	\$0.50
5002	San Diego to Point St. George	$-\frac{1}{1,499,000}$	3.0	32×41	1914	0, 50
5052	San Francisco to Cape Flattery	- 1 1,301,000	3. 3	33×38	1906	. 50
7002	Cape Flattery to Dixon Entrance	1 1,198,000	3.8	29×40	1911	. 50
8002	Dixon Entrance to Cape St. Elias	1,000,000	4.5	31×40	1914	. 50
8502	Cape St. Elias to Shumagin Islands	1 1,000,000	4.5	33×42	1914	. 50
8802	Alaska Peninsula and Aleutian Islands to Seguam Pass	999,000	4.2	34×41	1915	. 50
9102	Aleutian Islands, Amukta Island to Attu Island	999,000	4.2	32×42	1914	. 50
9302	Bering Sea, eastern part	1 1,600,000	2. 9	29×38	1915	. 50
	Port Clarence, Scale $\frac{1}{230,000}$					
9400	Arctic Coast of Alaska	1 1,600,000	2.7	26×44	1914	. 40
	·					



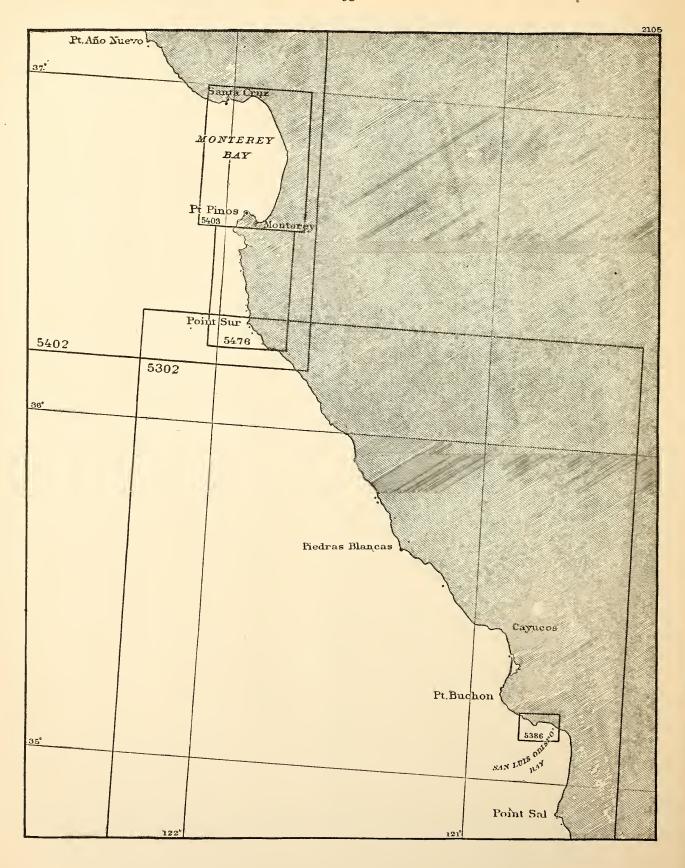
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE,	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.						
5100	San Diego to Santa Monica, including the Gulf of Santa Catalina.	California	1 200,000	0.36	28×39	1911	\$0.50
5106	San Diego Bay	California	1 40,000	1.82	24×36	1902	. 25
	Entrance		$\frac{1}{20,000}$	3.65			
5126	Harbor Charts, Santa Barbara Islands	California			27×31	1896	. 25
	SE. Anchorage, San Clemente Island		30,000	2, 43			· · · · ·
	NW. Harbor, San Clemente Island		1 	3.65			
	Anacapa Island and eastern part of Santa Cruz Island.		1 	2.43			
	Prisoners Harbor, Santa Cruz Island		1 20,000	3.65	 .		 -
	Cuylers Harbor, San Miguel Island		20,000	3.65			,- -
5128	Catalina Harbor and Isthmus Cove	California	10,000	7.30	25×29	1891	. 20
5143	Los Angeles Harbor and vicinity	California	1 40,000	1.82	24×31	1914	. 25
5144	Santa Monica Bay	California	1 40,000	1.82	21×34	1911	. 25
5145	Los Angeles Harbor	California	10,000	7.30	26×37	1914	. 25
	·						



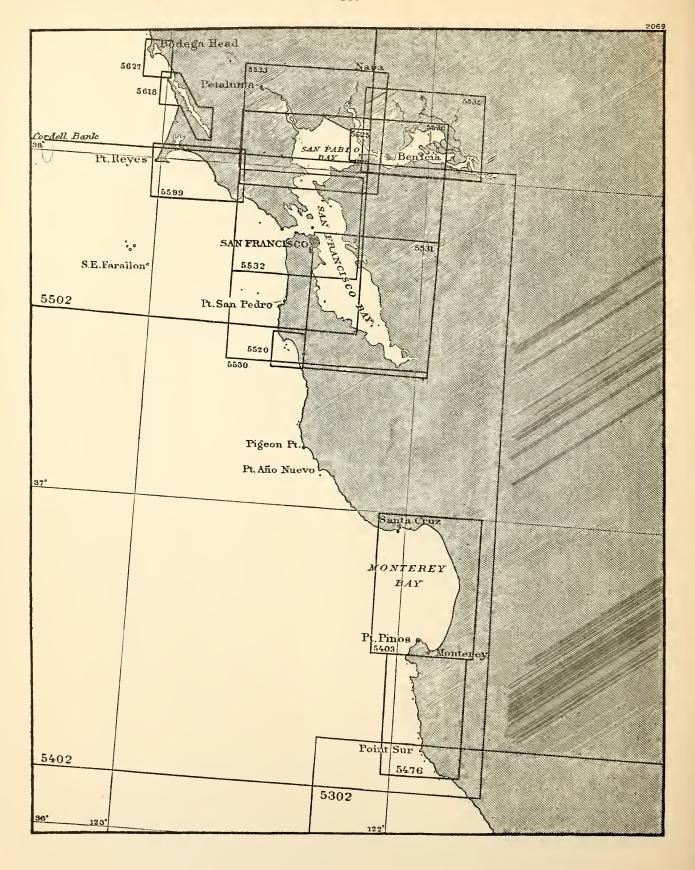
Catalogue number.			Sca	LE.	Sizo	Date of	
	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5261	Santa Barbara	California	1 20,000	3, 65	20×27	1898	\$0.25
5202	Point Firmin to Point Conception	California	1 200,000	. 36	36 ×43	1915	. 50
	·						
						1	



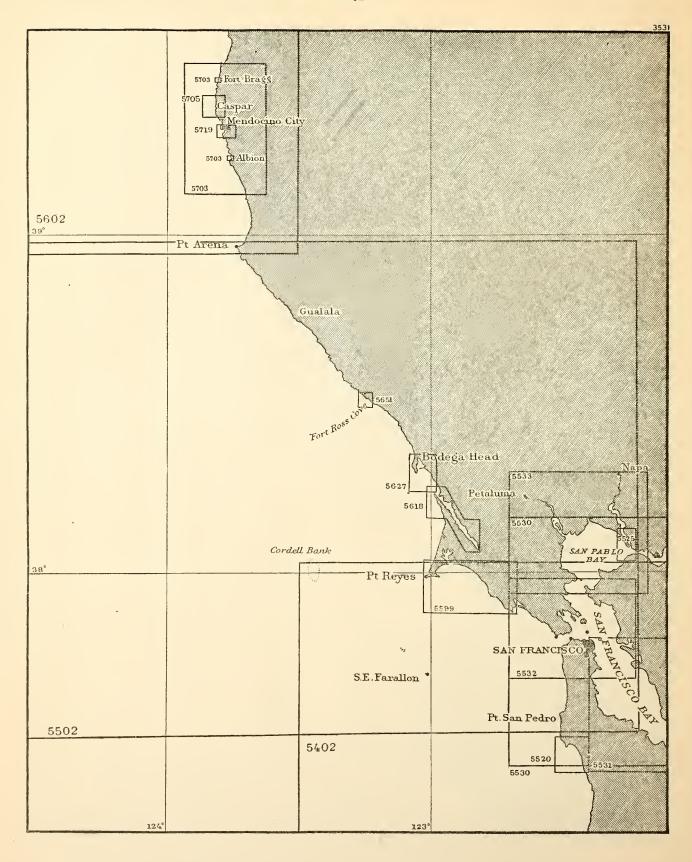
Catalogue number.			Sca	LE.	Size	Date of last edition.	
	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).		Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5386	San Luis Obispo Bay and approaches	California	20,000	3, 65	16×25	1912	\$0.20
						.	



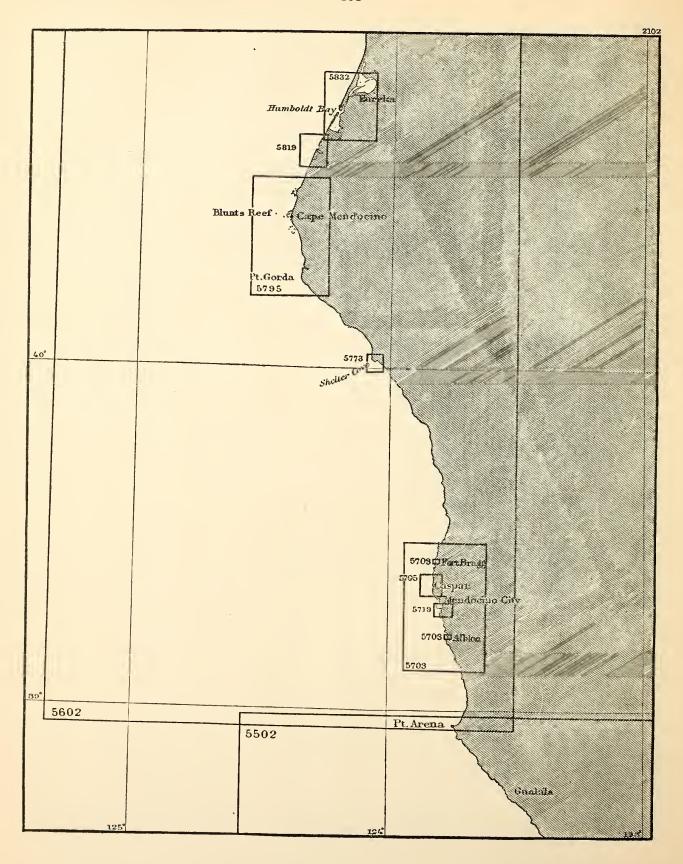
-			Scale.	Cinc	Data of		
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5302	Point Conception to Point Sur	California	216,000	0.34	31×43	1914	\$0.50
5476	Pfeiffer Point to Cypress Point	California	40,000	1.82	26×41	1910	. 50
5403	Monterey Bay	California	50,000	1.46	29×38	1911	. 50
				- 0			
				1			
			1				
)				



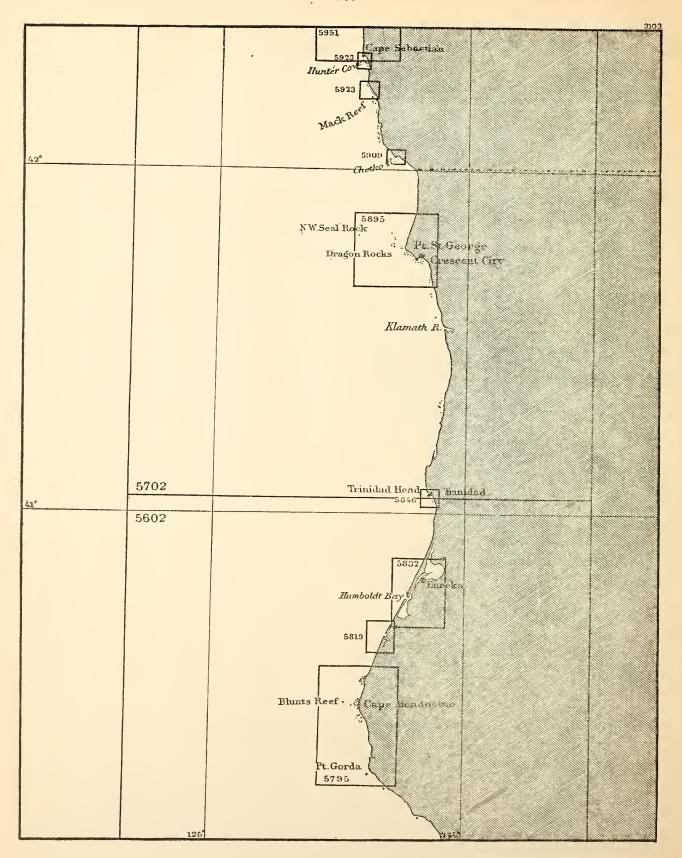
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	- 6 % 3	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5520	Half Moon Bay	California	1 20,000	3. 65	18×19	1879	\$0.15
5530	San Francisco Bay	California	1 80,000	0.91	34×41	1910	. 50
5531	San Francisco Bay, southern part	California	1 50,000	1. 46	32×36	1911	. 50
5532	San Francisco Entrance.	California	40,000	1.82	34×41	1915	. 50
5533	San Pablo Bay	California	1 40,000	1.82	32×41	1915	. 50
5534	Suisun Bay	California	1 40,000	1. 82	29×40	1914	. 50
5525	Mare Island Strait	California	10,000	7.30	23×35	1915	. 20
5599	Drakes Bay	California	40,000	1, 82	19×30	1883	. 20
5402	Point Sur to San Francisco	California	200,000	0. 36	30 × 39	1915	. 50
							1
					Î		



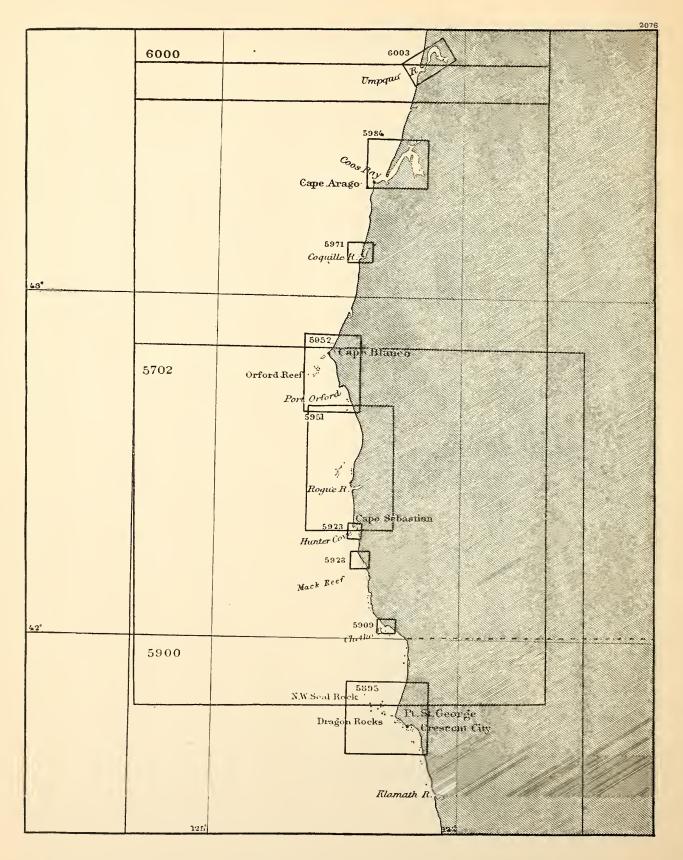
			Sca	LE.	Size	Date of	
Catalogue number,	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5502	San Francisco to Point Arena	California	200,000	0.36	31×40	1912	\$0.50
5618	Tomales Bay	California	30,000	2,43	15×24	1878	.25
5627	Bodega Bay	California	30,000	2.43	13×17	1864	. 20
5651	Fort Ross Cove	California	6,000	12.16	9×12	1905	. 20



			Sca	ALE.		1	
Catalogue number.	TITLE.	State.	Average.	Inches to statute mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5602	Point Arena to Trinidad Head	California	1 200,000	0.36	30 imes 46	1915	\$0. 50
5719	Mendocino Bay	California	10,000	7. 30	15×19	1912	. 20
5703	Greenwood to Fort Bragg	California	1 40 , 000	1.82	28×43	1911	. 50
	Fort Bragg Landing		10,000	7.30			
	Approaches to Albion		10,000	7.30			
5705	Caspar Anchorage and approaches	California	10,000	7. 30	30×31	1912	. 50
5773	Shelter Cove	California	1 15,000	4.86	12×14	1913	. 20
5795	Cape Mendocino and vicinity	California	1 40,000	1.82	24×37	1896	. 40
V							

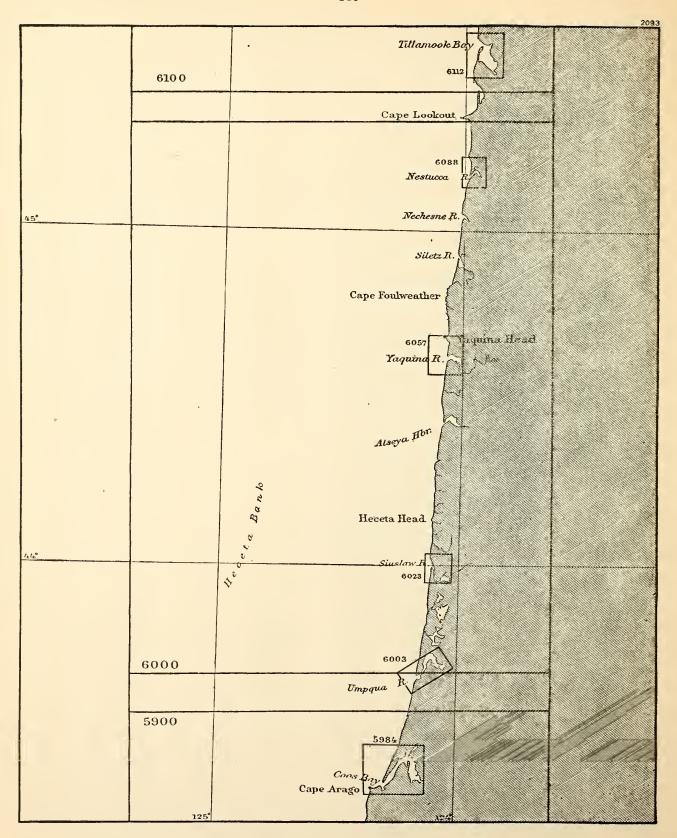


			Sca	LE.	Q.		
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5819	Entrance to Eel River	California	20,000	3, 65	18×21	1899	\$0.25
5832	Humboldt Bay	California	30,000	2.43	25×30	1915	. 50
5846	Trinidad Harbor	California	15,000	5.48	14×17	1874	. 20
5895	St. George Reef and Crescent City	California	1 40,000	1.82	20×25	1875	. 20
5702	Trididad Head to Cape Blanco	California	200,000	. 36	32×41	1915	. 50
-							
						. 3	

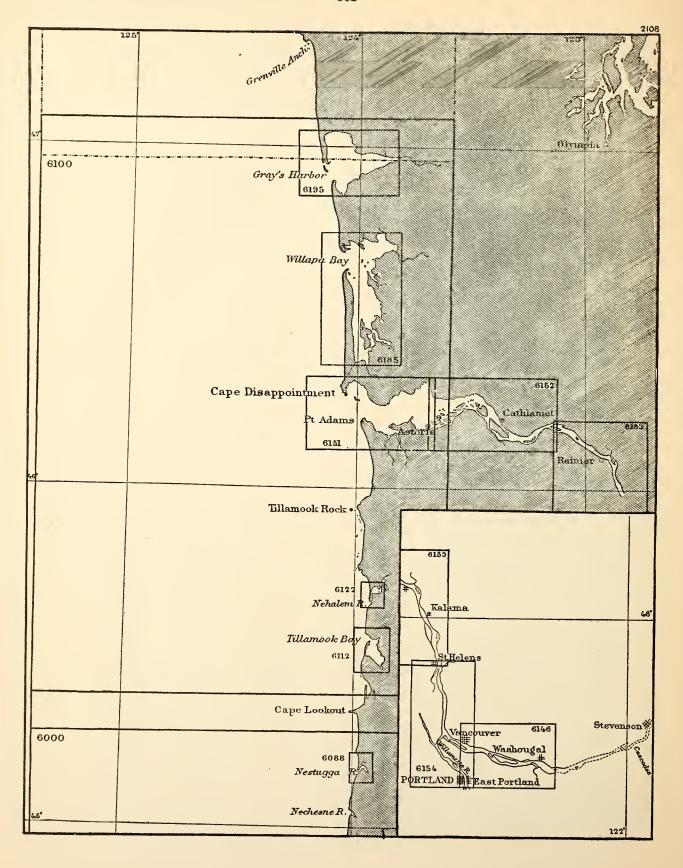


			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5900	Point St. George to Umpqua River.	Cal. and Oreg	200,000	0.36	27×42	1891	\$0, 50
5909	Chetko Cove	Oregon	10,000	7.30	16×20	1912	. 20
5923	Hunter Cove and Mack Reef	Oregon	10,000	7.30	23×26	1893	. 25
5951	Cape Sebastian and Humbug Mountain	Oregon	1 40,000	1.82	28×40	1893	. 25
5952	Cape Blanco and Reef	Oregon	1 40,000	1.82	21×25	1891	. 20
5971	Coquille River entrance	Oregon	10,000	7.30	25×33	1908	. 25
5984	Coos Bay	Oregon	20,000	3.65	30×39	1914	. 25
	=						
	et.						
)		

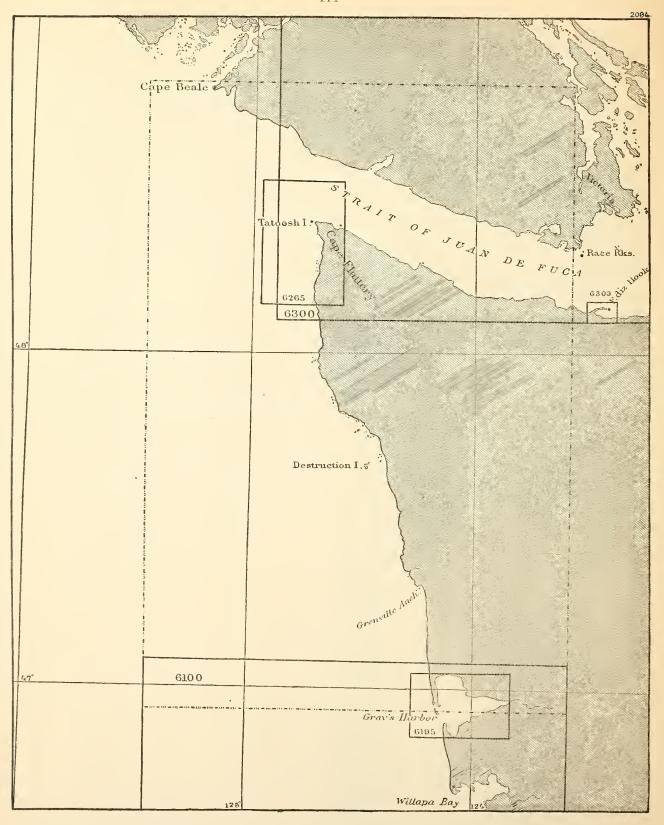
 ${\bf t}_{\rm ds}$



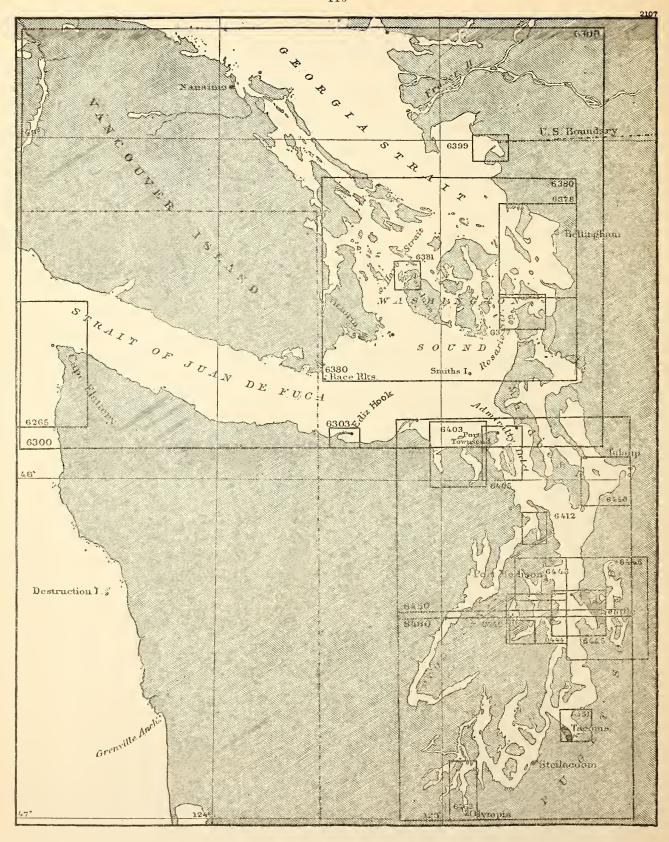
			SCA	LE,			
Catalogue number.	TITLE.	State.	Average,	Inches to	Size of border (inches).	Date of last edition.	Price.
				mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6000	Umpqua River to Cape Lookout	Oregon	200,000	0.36	27×39	1891	\$0.50
6003	Umpqua River entrance	Oregon	20,000	3.65	20×35	1904	.20
6023	Siuslaw River	Oregon	20,000	3.65	17×18	1915	. 25
6057	Yaquina River entrance	Oregon	1 20,000	3, 65	19×25	1901	. 20
6088	Nestucca Bay	Oregon	10,000	7.30	24×36	1900	. 25
				1			
	·						
1							
· \							
			ę.	,			



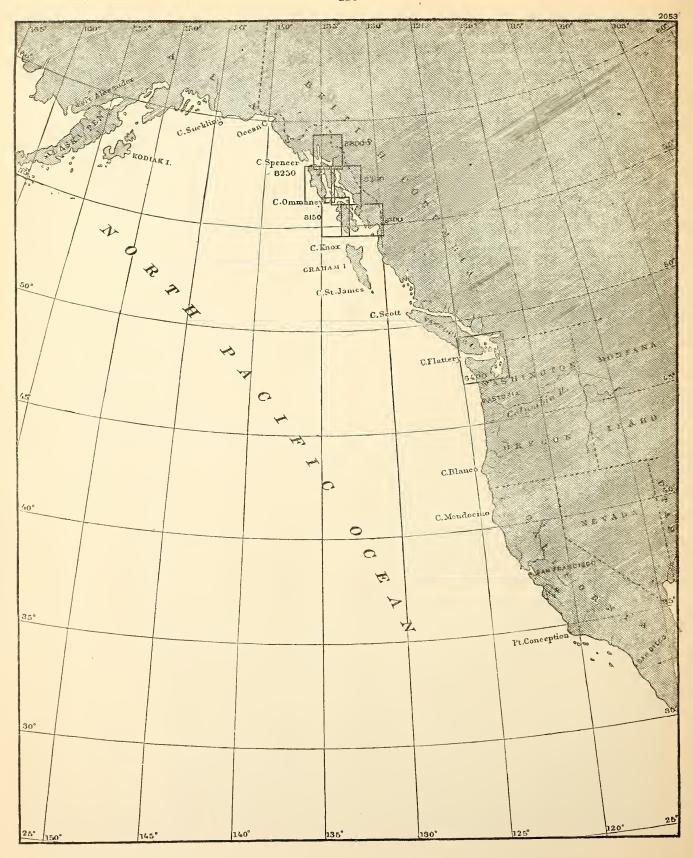
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6100	Cape Lookout to Grays Harbor	Oreg. and Wash.	200,000	0.36	27×39	1912	\$0.50
6112	Tillamook Bay	Oregon	1 20,000	3. 65	26×32	1912	. 25
6122	Nehalem River	Oregon	20,000	3.65	15×18	1891	. 20
6151	Columbia River—Entrance to Harrington Point	Oreg. and Wash.	1 40,000	1.82	24×45	1915	.50
6152	Columbia River—Harrington Point to Grims Island.	Oreg. and Wash.	1 40,000	1.82	27×43	1914	. 50
6153	Columbia River—From Grims Island to Saint Helens.	Oreg. and Wash.	1 40,000	1.82	32×38	1914	.50
6154	Columbia River—Saint Helens to Willamette River, including Vancouver and Portland.	Oreg. and Wash.	1 40,000	1.82	20×41	1914	. 50
6146	Columbia River—Vancouver to Reed Island	Oreg. and Wash.	1 40,000	1.82	23×33	1904	. 25
6185	Willapa Bay	Washington	1 40,000	1.82	30×42	1915	. 50
6195	Grays Harbor	Washington	1 40,000	1.82	21×32	1912	. 25



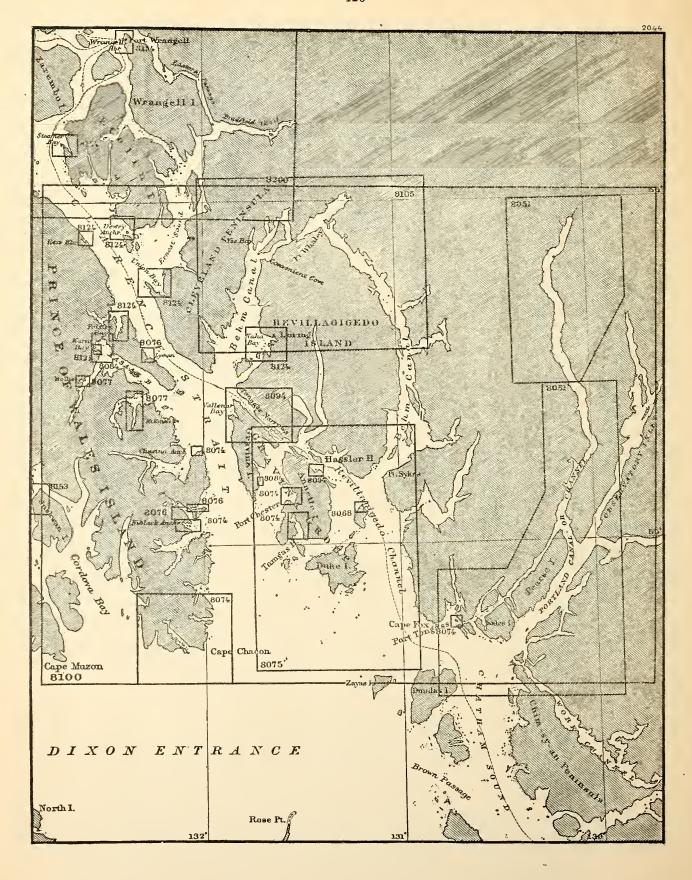
			Sca	LE,	Sino	Data of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
6265	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. Cape Flattery	Washington	1 40,000	1.82	29×39	1898	\$0.40
			-				



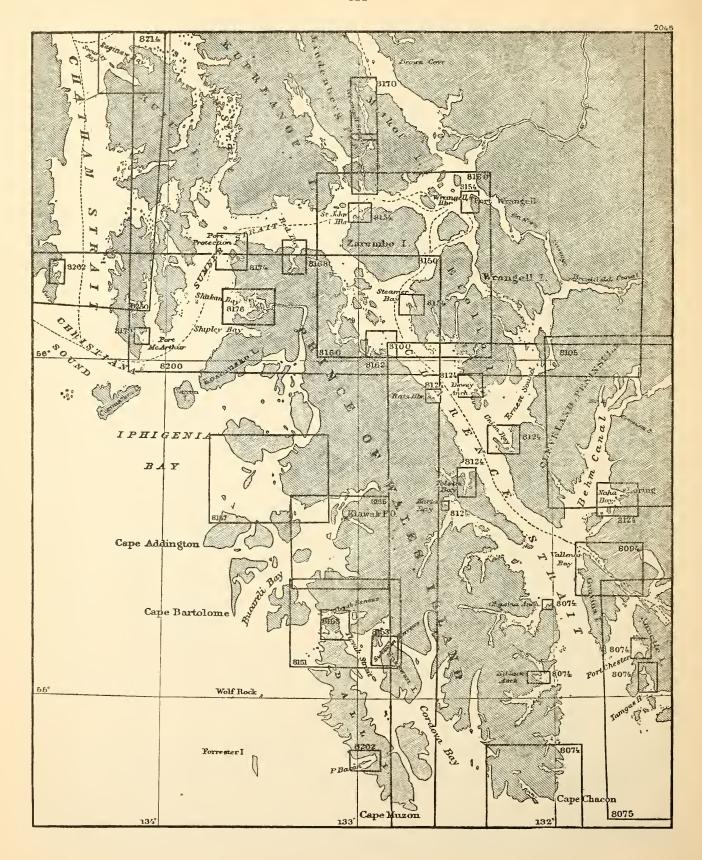
			Sca	LE,	Size	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	of border (inches).	last edition,	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6300	Georgia Strait and Strait of Juan de Fuca		200,000	0.36	28×39	1911	\$0.50
6303	Port Angeles, Strait of Juan de Fuca	Washington	10,000	7.30	18×31	1909	. 25
6380	Washington Sound	Washington	80,000	0.91	34×41	1912	. 50,
6377	Anacortes Harbor, Washington Sound	Washington	1 40,000	1.82	13×16	1902	. 25
6378	Bellingham Bay	Washington	1 40,000	1.82	26×31	1906	. 25
6381	Roche Harbor and approaches	Washington	10,000	7.30	33×37	1914	. 50
6399	Semiamoo Bay, Georgia Strait	Washington	30,000	2. 43	13×16	1909	. 15
6403	Port Discovery and Washington Harbor	Washington	1 40,000	1.82	19×21	1890	. 25
6405	Port Townsend, Admiralty Inlet	Washington	1 20,000	3, 65	26×36	1895	. 25
6412	Port Gamble, Hood Canal	Washington	1 20,000	3,65	16 × 23	1885	.15
6443	Port Orchard, northern part, Puget Sound	Washington	1 20,000	3. 65	27×34	1905	, 50
6444	Port Orchard, southern part, Puget Sound	Washington	20,000	3.65	33 × 38	1913	.50
6440	Sinclair Inlet	Washington	10,000	7.30	23×32	1909	. 25
6445	Seattle Harbor, Puget Sound	Washington	1 20,000	3.65	31×38	1913	. 50
6446	Lake Washington	Washington	1 40,000	1.82	23 × 33	1910	. 25
6450	Admiralty Inlet, and Puget Sound to Seattle	Washington.	80,000	0. 91	33×41	1905	. 50
6460	Puget Sound, Seattle to Olympia	Washington	80,000	0. 91	32×41	1911	. 50
6448	Everett Harbor and approaches	Washington_	1 40,000	1.82	17 × 17	1909	. 25
6451	Commencement Bay and City of Tacoma	Washington.	20,000	3. 65	20×20	1910	. 25
6462	Olympia Harbor, Puget Sound	Washington	20,000	3,65	20×37	1914	. 25
							•



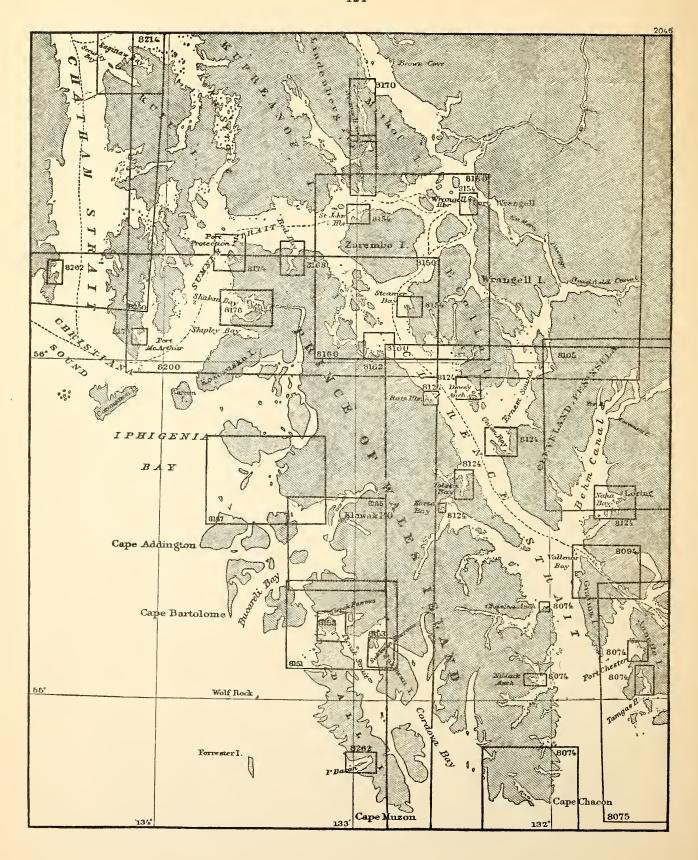
			Sea	LE.	Sivo	Date of	
Catalogue number.	TITLE.	State.	Average.	Inches to nautical mile.	Size of border (inches).	last edition.	Price.
	SAILING CHARTS.						
6400	Seacoast and interior waters of Washington, from Grays Harbor to Semiamoo Bay,	Washington	300,000	0.21	32×39	1911	\$0.50
8100	Clarence Strait, Revillagigedo Channel and Portland Canal.	Alaska	1 200,000	0.36	33×42	1911	.50
8200	Frederick Sound and Sumner Strait	Alaska	200,000	0.36	32×41	1895	.50
8300	Lynn Canal and Stephens Passage	Alaska	200,000	0.36	32×41	1914	. 50
8150	Dixon Entrance to Chatham Strait	Alaska	200,000	0.36	32×39	1914	. 50
8250	Chatham Strait	Alaska	200,000	0. 36	33×42	1910	.50



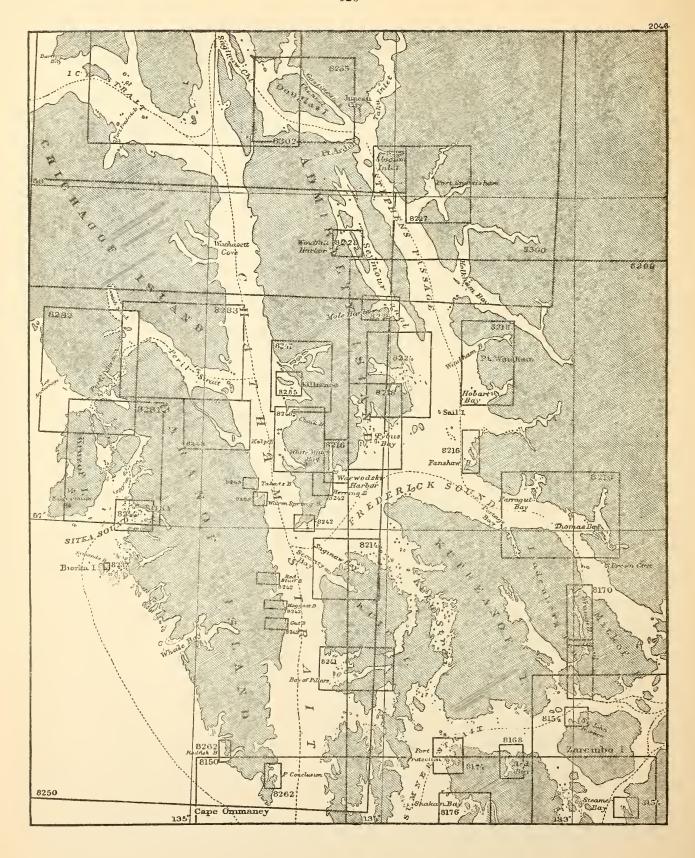
			Sca	LE,	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.						
8051	Portland Canal	Alaska	1 100,000	0.73	25×40	1911	\$0.25
8068	Customhouse Cove and Mary Island Anchorage.	Alaska	10,000	7. 30	16×19	1914	. 25
8074	Harbor charts: Dixon Entrance and Clarence Strait.	Alaska		-	33×37	1913	. 25
	Cape Chacon, Prince of Wales Island		80,000	0.91			
	Port Tongass		10,000	7.30			
	Niblack Anchorage, Prince of Wales Island.		1 20,000	3, 65			
	Tamgas Harbor, Annette Island		1 40,000	1.82			
	Port Chester, Annette Island		20,000	8, 65			
	Chasina Anchorage, Cholmondeley Sound		10,000	7.30			
8075	Revillagigedo Channel	Alaska	1 80,000	0.91	28×40	1912	. 50
8076	Harbors in Clarence Strait	Alaska			21×24	1906	. 25
	North Arm of Moira Sound		20,000	3.65			
	Dolomi Anchorage and Port Johnson	 	20,000	3.65	-		
	Lyman Anchorage, Prince of Wales Island.		10,000	7.30			
8077	Harbors in Prince of Wales Island	Alaska			23×24	1907	. 25
	McKenzie Inlet, Kasaan Bay		20,000	3.65			
-	Hollis Anchorage, Kasaan Bay		1 40,000	1.82			
0004	Seal Cove, Nichols Passage	Alaska	1 5,000	14.59	00 14 00	1010	95
8084	Head of Kasaan Bay, Clarence Strait		20,000	3.65	22×33	1910	. 25
8094	Tongass Narrows	Alaska	1 30,000	2. 43	30×32	1913	, 50
	Hassler Harbor, Revillagigedo Channel		10,000	7. 30		}	
8100	Clarence Strait, Revillagigedo Channel, and Portland Canal.	Alaska	1 200,000	0.36	33×42	1911	.50
	•						



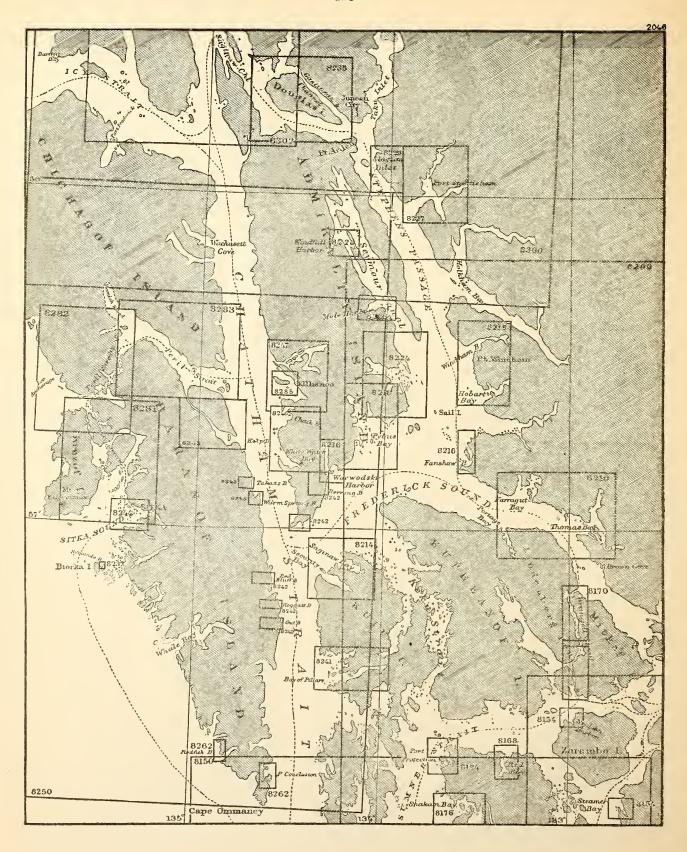
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price,
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8105	Behm Canal, northern part.	Alaska	80,000	0. 91	28×41	1910	\$0.50
	Yes Bay		40,000	1. 82			
	Convenient Cove		$\frac{1}{20,000}$	3. 65			
8124	Harbor charts: Clarence Strait and Behm Canal	Alaska			27×31	1897	. 25
	Naha Bay, Behm Canal			1, 82			
	Karta Bay, Kasaan Bay		1 10,000	7. 30			
	Tolstoi Bay, Prince of Wales Island		1 40,000	1.82			
	Union Bay, Clarence Strait.			1, 82			
	Ratz Harbor, Prince of Wales Island		10,000	7. 30			
	Dewey Anchorage, Etolin Island		20,000	3, 65			• • • • • • •
8150	Dixon Entrance to Chatham Strait.	Alaska	1 200,000	0.36	32×39	1914	. 50
8151	Northern Part of Tlevak Strait and Ullao Channel.	Alaska	40,000	1. 82	30×36	1914	. 50
8153	Tlevak and Sukkwan Narrows	Alaska	20,000	3. 65	12×21	1913	. 30
8154	Harbor charts: Zarembo Island and vicinity	Alaska			28×30	1897	. 25
	Steamer Bay, Etolin Island		$\frac{1}{20,000}$	3. 65			
	St. John Harbor, Zarembo Island		20,000	3. 65			
•,	Wrangell Harbor and Highfield Anchorage	Alaska	10,000	7. 30			
8155	Ulloa Channel to San Christoval Channel	Alaska	40,000	1. 82	17×28	1914	. 30
8160	Zarembo Island and approaches.	Alaska	80,000	0. 91	29×31	1909	. 50
8162	Lake Bay, Clarence Strait	Alaska	10,000	7. 30	34×34	1907	. 50
8168	Red Bay, Prince of Wales Island	Alaska	1 20,000	3. 65	13×20	1899	.15
8170	Wrangell Strait.	Alaska	20,000	3. 65	31×39	1912	. 50
8174	Port Protection, Prince of Wales Island	Alaska	1 20,000	3. 65	18×27	1913	.15
8176	Shakan Strait, Prince of Wales Island	Alaska	1 20,000	3.65	24×36	1888	. 25
8179	Port McArthur, Kuiu Island	Alaska	1 10,000	7, 30	25×25	1901	. 15
8157	San Christoval Channel	Alaska	40,000	1. 82	30×37	1915	. 50



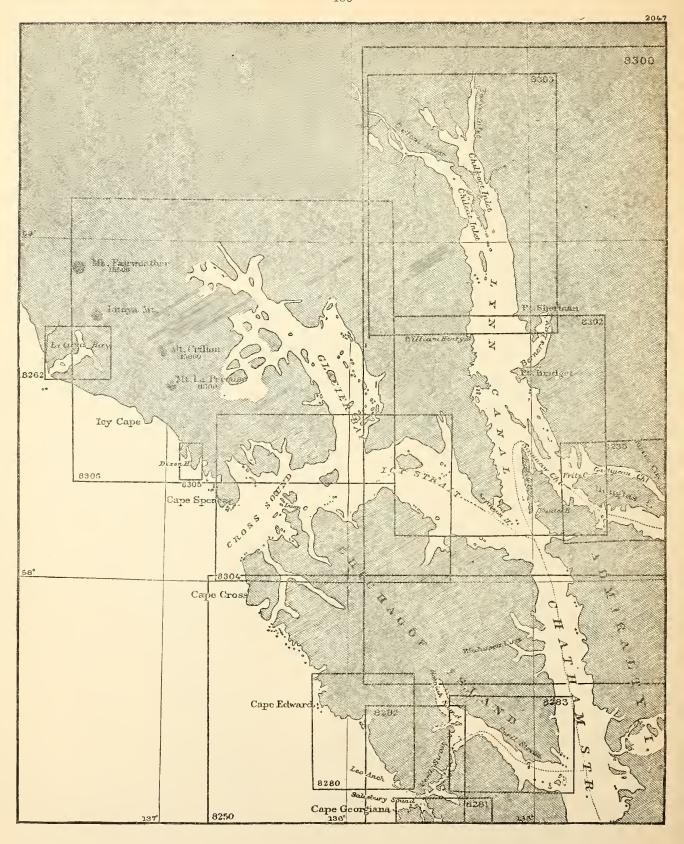
	GEOGRAPHICAL						
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
8243	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. Kelp, Takatz, and Warm Spring Bays, Chatham Strait.	Alaska	-		21 × 31	1908	\$0.25
	Kelp Bay	\	- 1 40,000	1.82	 		
	Takatz Bay		- 1 20,000	3.65			
	Warm Spring Bay		20,000	3.65			
8247	Hood Bay and Kootznahoo Inlet	Alaska	30,000	2.43	26×38	1910	.50
				}			



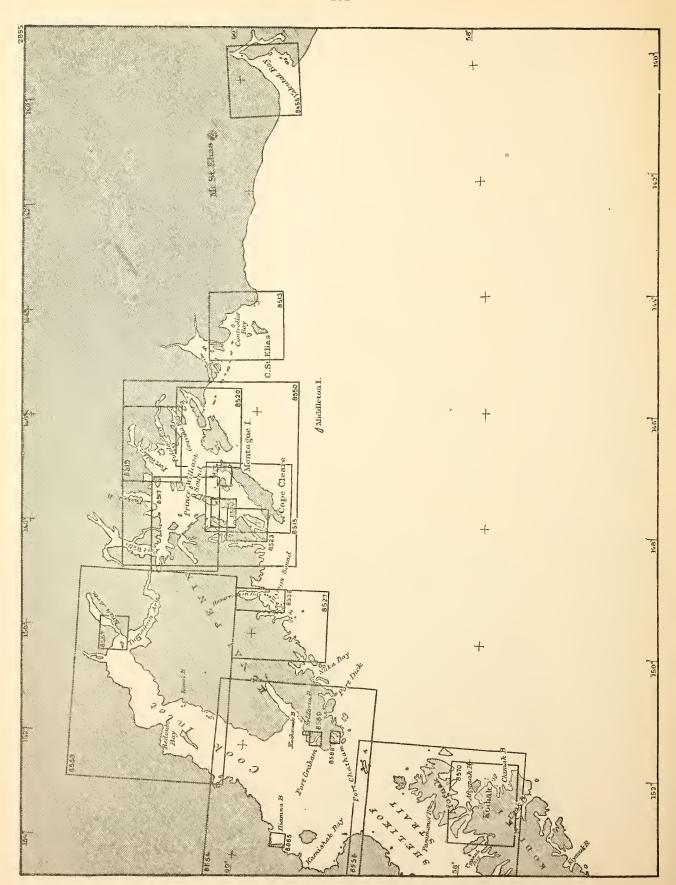
			Sc.	ALE,	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8200	Frederick Sound and Sumner Strait	Alaska	200,000	0. 36	32×41	1895	\$0.50
8210	Thomas, Farragut, and Portage Bays	Alaska	1 40,000	1.82	28×38	1913	. 50
8214	Saginaw and Security Bays	Alaska	1 40,000	1.82	20×23	1909	. 25
8216	Woewodski and Eliza Harbors} Fanshaw Bay and Cleveland Passage	Alaska	1 20,000	3,65	28×29	1900	. 25
8218	Pybus Bay, Admiralty Island Hobart and Windham Bays.	Alaska	1 40,000	1.82	26×33	1911	. 25
8224	Gambier Bay, Frederick Sound	Alaska	1 40,000	1.82	20×28	1912	. 25
8227	Port Snettisham, Stephens Passage	Alaska	40,000	1.82	23×26	1913	. 25
8228	Windfall Harbor Seymour Canal Mole Harbor	Alaska	20,000	3, 65	20 × 30	1913	. 25
8241	Bay of Pillars, Chatham Strait	Alaska	20,000	3.65	31×41	1907	. 50
	Washington Bay, Chatham Strait	\	10,000	7.30			
8242	Harbors in Chatham Strait and vicinity	Alaska	. ~		28×30	1906	. 25
	Gut Bay, Chatham Strait		20,000	3.65			
	Hoggatt Bay, Chatham Strait		20,000	3.65			
	Red Bluff Bay, Chatham Strait		20,000	3,65			
	Surprise Harbor and Murder Cove		20,000	3.65			
	Herring Bay and Chapin Bay, Frederick Sound.		1 20,000	3.65			
8246	Whitewater Bay and Chaik Bay, Chatham Strait.	Alaska	20,000	3.65	31×39	1906	. 50
8250	Chatham Strait (see also page 118)	Alaska	200,000	0.36	33×42	1910	.50
						ļ	



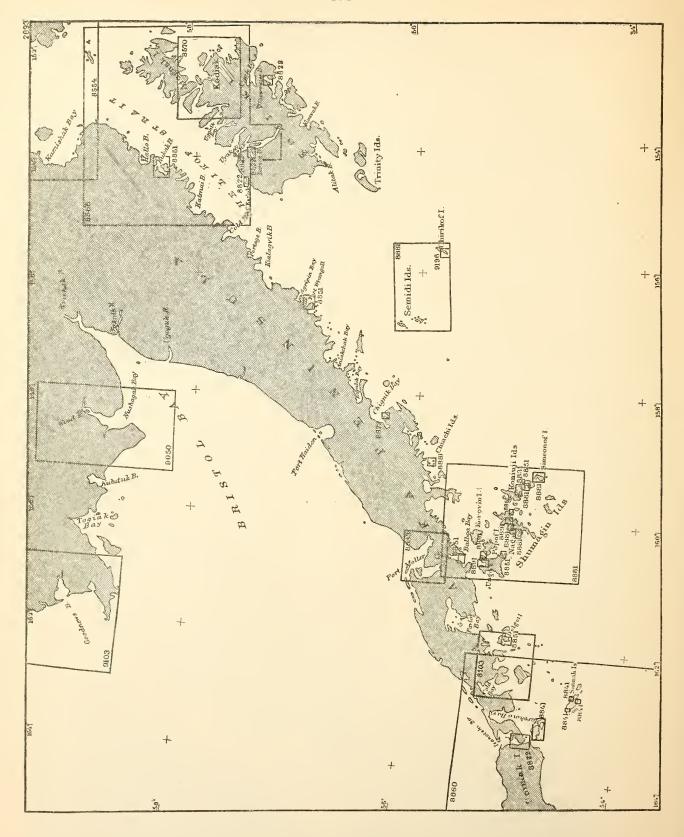
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price,
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8229	Slocum and Limestone Inlets and Taku Harbor.	Alaska	20,000	3.65	21×31	1912	\$0. 25
8235	Gastineau Channel and part of Stephens Passage.	Alaska	40,000	1.82	28×31	1913	. 25
8237	Symonds Bay, Sitka Sound	Alaska	7,200	10.13	14×14	1896	.10
8244	Sitka Harbor and approaches	Alaska	10,000	7.30	31 × 38	1911	. 50
8281	Peril Strait, Sitka Sound to Salisbury Sound	Alaska	1 40,000	1.82	33×41	1900	. 50
	Whitestone Narrows		10,000	7.30			
8282	Peril Strait, Salisbury Sound to Hooniah Sound	Alaska	40,000	1.82	31×41	1900	. 50
	Sergius Narrows		20,000	3.65			
8283	Peril Strait, Hooniah Sound to Chatham Strait.	Alaska	1 40,000	1.82	32×40	1898	.50
8285	Killisnoo Harbor, Chatham Strait	Alaska	10,000	7.30	21×29	1903	. 25
8262	Bays and harbors in southeastern Alaska		*****		19×30	1914	, 25
	Port Bazan, Dall Island (see page 124)						
	Redfish Bay, Baranof Island		20,000	3.65			
	Lituya Bay (see page 130)		118,700	0. 61			
	Lituya Bay entrance		1 15,000	5.48			
	Port Conclusion		60,000	1.32		 	
	-						
			,				



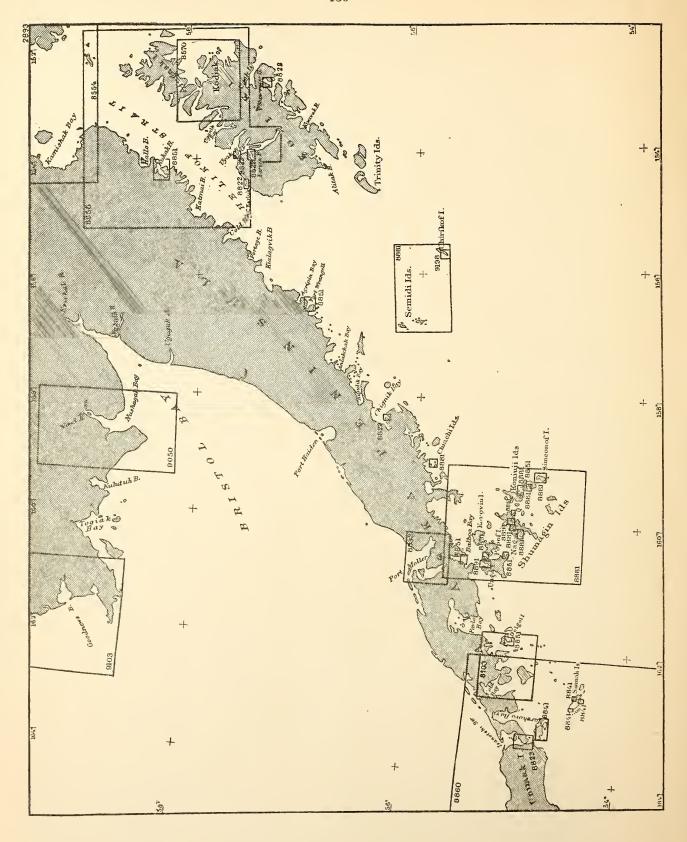
		Territory,	Sca	ALE.	Sizo	Date of	
Catalogue number.	TITLE.		Average.	Inches to nautical mile.	of boules	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8300	Lynn Canal and Stephens Passage	Alaska	200,000	0.36	32×41	1914	\$0.50
8302	Lynn Canal, from entrance to Point Sherman, with subcharts of Fritz Cove, Barlow Cove Anchorage, Funter Bay, Swanson Harbor, and William Henry Bay, all on a scale of $\frac{1}{20,000}$.	Alaska	1 80,000	0.91	34×42	1914	. 50
8303	Lynn Canal, from Point Sherman to head	Alaska	1 80,000	0.91	29×41	1908	. 50
8304	Icy Strait and Cross Sound, Port Frederick to Cape Spencer.	Alaska	1 80,000	0.91	28×39	1904	. 50
	Inian Cove		20,000	3.65			
8305	Dixon Harbor	Alaska	1 15,000	4.86	21×30	1906	. 25
8280	Khaz Bay	Alaska	1 40,000	1.82	32×39	1909	. 50
8306	Glacier Bay	Alaska	1 160,000	0.45	27 × 28	1910	. 25
						1	
			1				



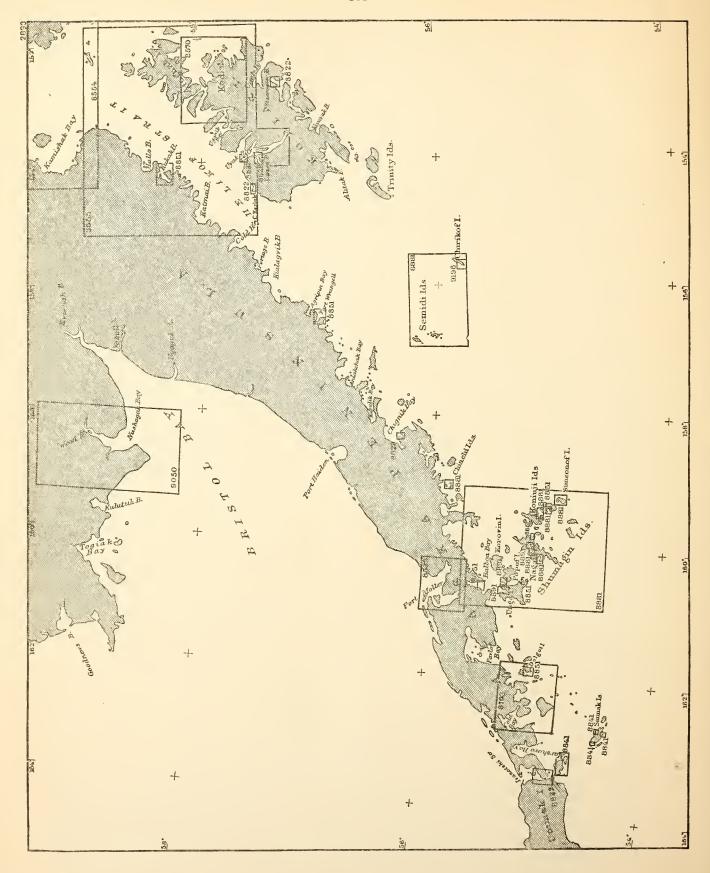
			Sca	LE.	Sîze	Date of	
Catalogue number.	TITLE.	Territory.	Average,	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						Table 1
8455	Yakutat Bay	Alaska	80,000	0.91	28×32	1910	\$0.25
8513	Controller Bay	Alaska	100,000	0.73	28×29	1913	. 25
8550	Prince William Sound.	Alaska	200,000	0.36	35×36	1915	.50
8515	Prince William Sound, western entrance	Alaska	80,000	0.91	33×42	1911	. 50
8517	Prince William Sound, western part	Alaska	1 80,000	0.91	30×33	1915	. 50
8519	Prince William Sound; Fidalgo Bay and Valdez Arm.	Alaska	80,000	0.91	29×38	1911	. 50
8520	Prince William Sound, eastern entrance	Alaska	1 80,000	0.91	33×41	1915	. 50
8524	Drier Bay, Prince William Sound	Alaska	1 20,000	3, 65	32×35	1911	. 25
8538	Resurrection Bay, Kenai Peninsula	Alaska	50,000	1.46	19×40	1913	. 25
8665	Iliamna Bay, Cook Inlet	Alaska	1 20,000	3.65	31 × 32	1907	. 50
8588	Port Chatham.	Alaska	6,000	12.16	27×33	1908	. 25
8589	Port Graham and Seldovia Bay	Alaska	20,000	3, 65	26×38	1909	.50
8523	Latouche, Elrington and Prince of Wales Passage.	Alaska	1 40,000	1.82	41 × 31	1911	. 50
8553	Cook Inlet, northern part	Alaska	1 200,000	0. 36	33×43	1915	. 50
8554	Cook Inlet, southern part	Alaska	1 200,000	0.36	32×40	1915	. 50
8557	Knick Arm, Fire Island to Goose Creek	Alaska	40,000	1.82	33×32	1915	. 50
8527	Cape Resurrection to McArthur Pass	Alaska	80,000	0.91	34×46	1915	. 50
			ı				
	·						



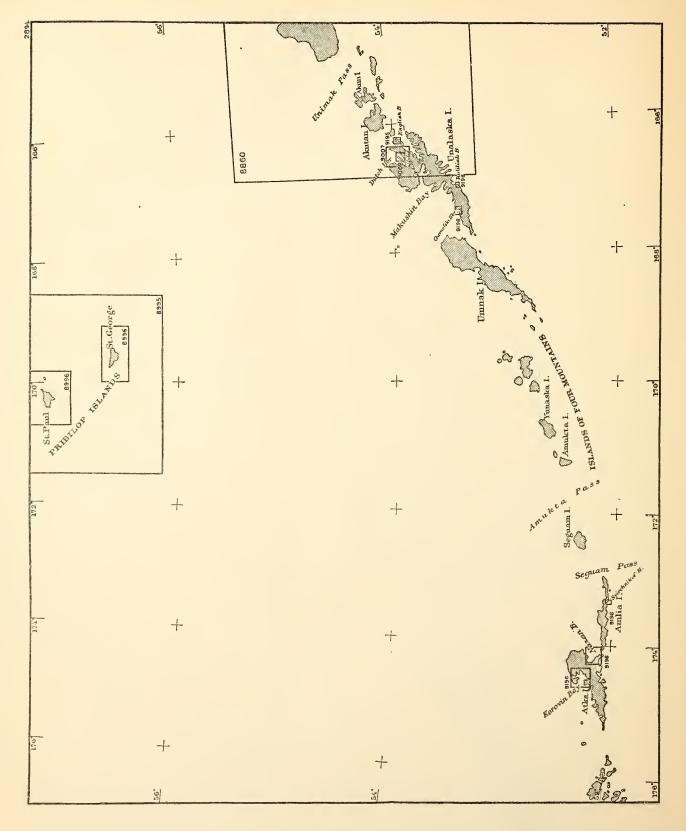
Catalogue number.	TITLE.		SCALE.		Size	Date of last edition.	
		Territory.	Average.	Inches to nautical mile.	of border (inches)	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8881	Islands and harbors off Alaska Peninsula	Alaska			23×26	1913	\$0, 20
	Semidi Islands and Chirikof Island		1 400,000	0.18			
i	Chiachi Islands		1 17,000	4.29			
	Shumagin Islands		1 447,000	0.16			
	Northeast Harbor, Little Koniuji Island		122,000	0.59			
	Northwest and Yukon Harbors, Koniuji Islands.		64,000	1.14			
	Simeonof Harbor, Simeonof Island	\ <u></u>	90,000	0.81			
	Eagle Harbor, Nagai Island		90,000	0.81			5
	Falmouth Harbor, Nagai Island		1 65,000	1.12			
8891	Harbors off Alaska Peninsula	Alaska			19×25	1912	. 20
	Sanborn Harbor, Nagai Island		1 40,000	1.82			
	Popof Strait and Humboldt Harbor, Shumagin Islands.		1 40,000	1.82			
	Coal Harbor, Unga Island		20,000	2.65			
8570	Kodiak to Kupreanof Strait	Alaska	80,000	0.91	32×42	1910	. 50
	Kodiak Harbor		10,000	7.30			
8555	Shelikof Strait and Afognak Island	Alaska	1 210,000	0.34	32×42	1911	. 50
8703	Dolgoi Island to Deer Island	Alaska	80,000	0.91	28×36	1912	.50
							,



	-		Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Territory,	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8822	Bays and anchorages in Alaska, south coast				29×37	1912	\$0.50
	Uyak Anchorage		20,000	3.65			*****
	Larsen Bay		20,000	3,65			
	Karluk Anchorage		20,000	3, 65			
	Shearwater Bay	*******	1 15,000	4.86			
	Isanotski Strait		40,000	1.82			
	Anchorage and Mud Bays		40,000	1,82			
8833	Port Moller and Herendeen Bay	Alaska	80,000	0.91	23×27	1911	. 25
8841	Harbors and anchorages, Sannak Island and Ikatan Peninsula.	Alaska			20×27	1912	. 25
	Northeast Harbor, Sannak Island		10,000	7.30	\ <u></u>		
	Peterson Bay, Sannak Island		20,000	3.65			
	Acherk Harbor, Sannak Island		10,000	7. 30			
	East Anchor Cove, Ikatan Peninsula						
	West Anchor Cove, Ikatan Peninsula		40,000	1.82			
	Dora Harbor, Ikatan Peninsula						
		Î	l	1			



			Sca	LE.	Size	Date of	
Catalogue number,	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8851	Harbors and anchorages, southwestern Alaska	 			26×28	1912	\$0.25
	Kukak Bay, Alaska Peninsula		100,000	0.73			
	Port Wrangell, Alaska Peninsula		110,000	0.66			
	Balboa Bay, Alaska Peninsula		1 25,000	2.92			
A.	Delarof Harbor, Unga Island		18,800	3.88			
	Mist Harbor, Nagai Island.		6,100	11.96	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Sandy Cove, Little Koniuji Island		$\frac{1}{24,200}$	3.01			
	Dolgoi Harbor, Dolgoi Island		40,000	1.82			
	Kirilof Bay, Amchitka Island (see page 142).		28,000	2.61			
	MacDonald Bay, Agattu Island (see page 142).		75,000	0.97			
	St. Matthew Island, Bering Sea (see page 144).		1 156,000	0.47			`
9050	Nushagak Bay and approaches	Alaska	1 150,000	0.48	23×37	1911	. 50
						3	
		,					



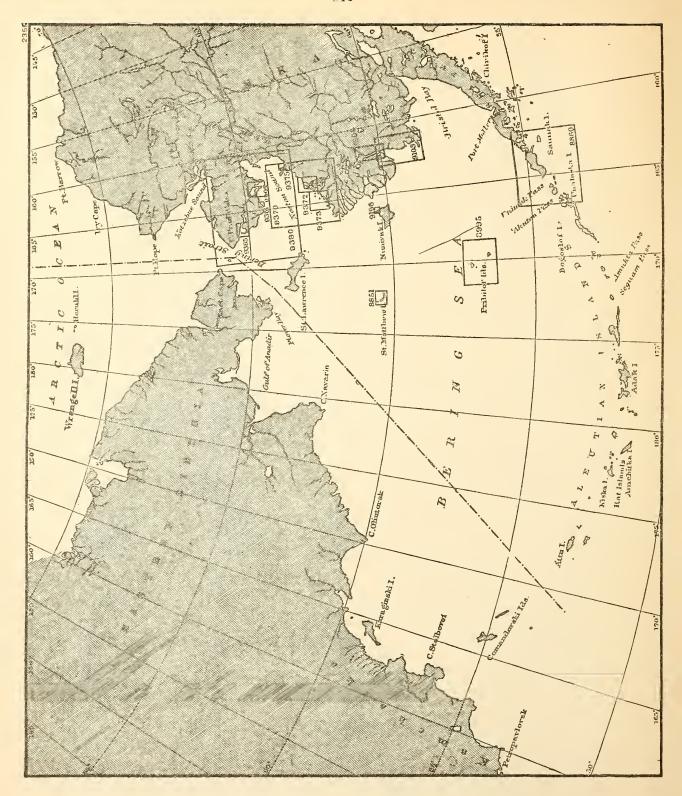
Catalana			Scale.		Size Date of		
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8995	Pribilof Islands, Bering Sea	Alaska	200,000	0, 36	30×36	1910	\$0. 25
8996	St. Paul and St. George Islands, Pribilof Islands, Bering Sea.	Alaska			31×40	1910	. 50
	St. Paul Island		75,000	0.97			
	St. George Island		75,000	0.97			
9007	Unalaska Bay, Iliuliuk Bay, and Dutch Harbor.	Alaska	40,000	1.82	17×26	1908	.10
9008	Dutch Harbor	Alaska	10,000	7. 30	27×33	1915	. 25
						į į	
		-					
							-
			٤				

1 4

2896	် ပ	C _G U	i ser	1
O C C C C C C C C C C C C C C C C C C C	+ + + + + + + + + + + + + + + + + + +	· +	Box of Paralist Addition of Ad	178°, West
Soot	1.081 1.	+	Semsop	180
g	-	+	Kiska I Krak + 0 c RAT iSLANDS RAT iSLANDS Amchitka I	178 East
700	pg +	+	8 Buldir I.	176
		**************************************	Attu I www of the state of the	1747

PACIFIC COAST—Continued. GEOGRAPHICAL ARRANGEMENT.

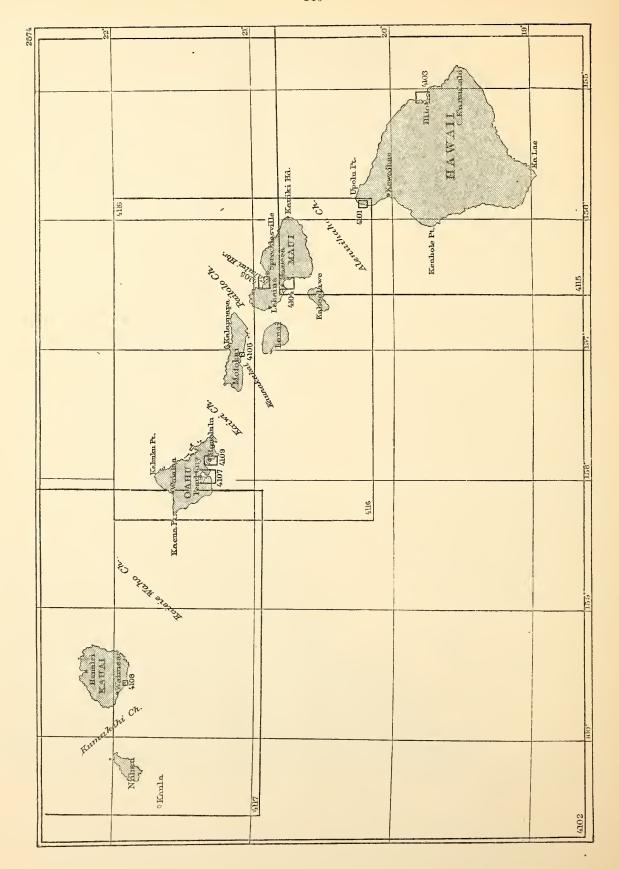
2			Sca	LE,	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches.)	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
9196	Anchorages and harbors, Aleutian Islands				27×32	1907	\$0.25
	Southwest Anchorage, Chirikof Island (see page 134).		1 53,600	1.36			
	Cape Etolin Anchorage, Nunivak Island (see page 144).		1 31,000	2.31			
	English Bay, Unalaska Island (see page 140) .		1	3.65			
	Kuliliak Bay, Unalaska Island (see page 140).		1 43,500	1.69			
	Chernofski Harbor, Unalaska Island (see page 140).		36,000	2.03			*****
	Sviechnikof Harbor, Amlia Island (see page 140).		1 52,000	1.40			
	Nazan Bay, Atka Island (see page 140)		1 78,000	0.93			
	Korovin Bay, Atka Island (see page 140)		1 194,000	0.37			
	Bay of Islands, Adak Island	k	1 32,000	2.28			
	Bay of Waterfalls, Adak Island		95,000	0.77			
	Constantine Harbor, Amchitka Island		1 43,000	1.69			
	Chichagof Harbor, Attu Island		19,000	3.83			
						1	



PACIFIC COAST—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

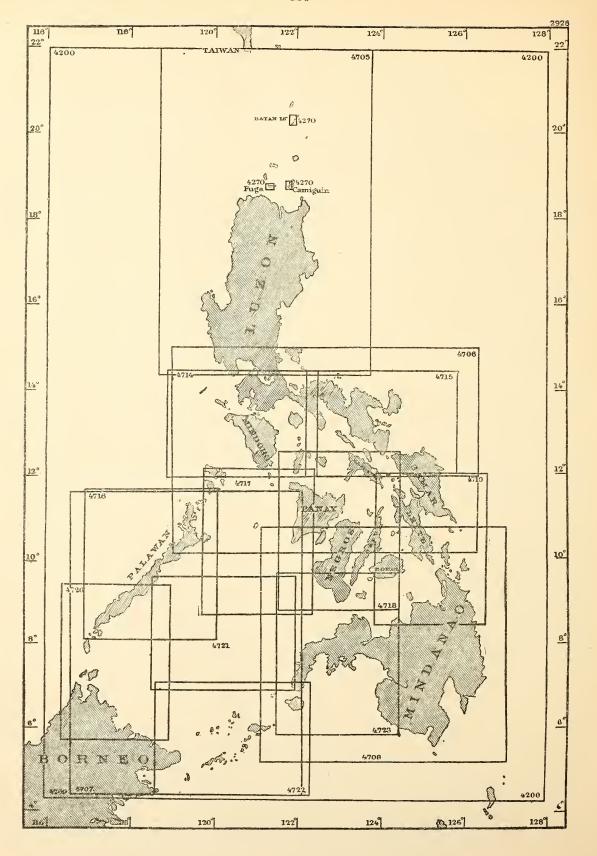
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Territory.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8860	Unimak and Akutan Passes and approaches	Alaska	1 300,000	0.27	32×42	1913	\$0.50
9370	Cape Romanzof to St. Michael	Alaska	300,000	0.27	35×36	1901	. 50
9372	Yukon River, Apoon Mouth to Head of Passes	Alaska	1 80,000	0.91	32×38	1914	. 25
	Apoon Mouth		20,000	3. 65			
9373	Yukon River, Kwikluak Mouth	Alaska	80,000	0.91	28×38	1901	. 25
9375	St. Michael Bay, Norton Sound	Alaska	20,000	3, 65	31×35	1901	. 50
9380	Norton Sound	Alaska	1 400,000	0.18	32×41	1914	. 50
9382	Golofnin Bay, Norton Sound	Alaska	1 40,000	1.82	32×39	1903	, 50
9381	Port Safety, Norton Sound	Alaska	1 15,000	4.86	20×21	1905	. 25
9385	Port Clarence and Grantley Harbor	Alaska	80,000	0. 91	19×27	1912	. 25
9103	Kuskokwim Bay		200,000	0.36	24×37	1915	. 50
	Goodnews Bay		80,000	0.91			
9104	Kuskokwim River—Eek Island to Bethel		100,000	0.73	20×37	1915	. 30
100							
	4						

1 2

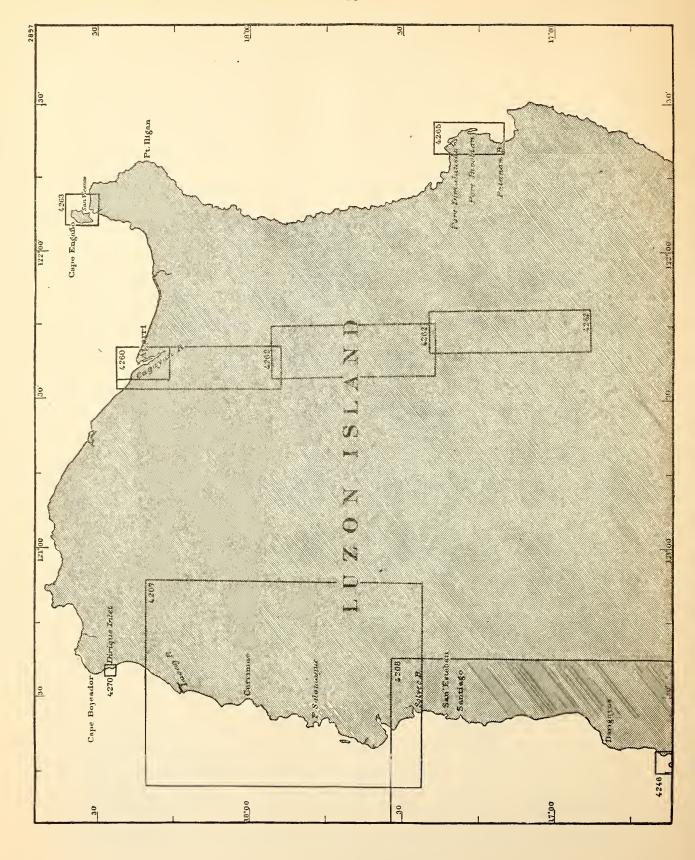


PACIFIC OCEAN—HAWAIIAN AND MARIANAS ISLANDS. GEOGRAPHICAL ARRANGEMENT.

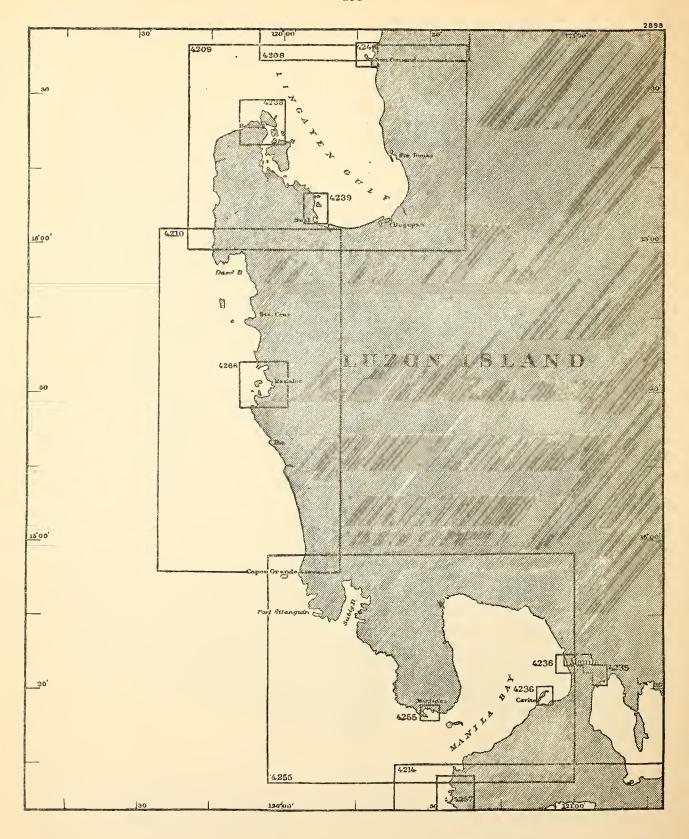
			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	SAILING, COAST, AND HARBOR CHARTS.						
4101	Mahukona Harbor and approaches	Hawaii	5,000	14. 59	17×23	1910	\$0.20
4117	Hawaiian Islands, Oahu to Niihau	Hawaii	1 250,000	0. 29	32×42	1912	. 50
4102	Hawaiian Islands	Hawaii	1 600,000	0.12	30×40	1913	. 50
4103	Hilo Bay	Hawaii	1 10,000	7. 30	28×39	1915	. 25
4104	Maalaea Bay	Maui	1 10,000	7. 30	31×40	1915	. 25
4105	Kahului Harbor and approaches	Maui	10,000	7. 30	26×29	1913	, 25
4106	Kaunakakai Harbor	Molokai	10,000	7.30	15×18	1901	. 25
4107	Pearl Harbor	Oahu	1 15,000	4.86	30×34	1915	. 25
4108	Напарере Вау	Kauai	1 5,000	14. 59	16×17	1910	. 25
4109	Honolulu Harbor	Oahu	1 5,000	14.59	23×35	1913	.50
4115	Hawaii		1 247,000	0. 29	35×39	1911	. 50
4116	Hawaii to Oahu		1 247,000	0. 29	33×42	1912	. 50
4202	Guam Island, Marianas Islands		80,000	0. 91	28×30	1906	.50
	Port Tarofofo	Guam	10,500	6, 95			
1	Agaña Bay	Guam	28,300	2.58			
	Umata Bay	Guam	1 5,330	13.69	~~~~		
	Port San Luis D'Apra	Guam	1 37,500	1.95			



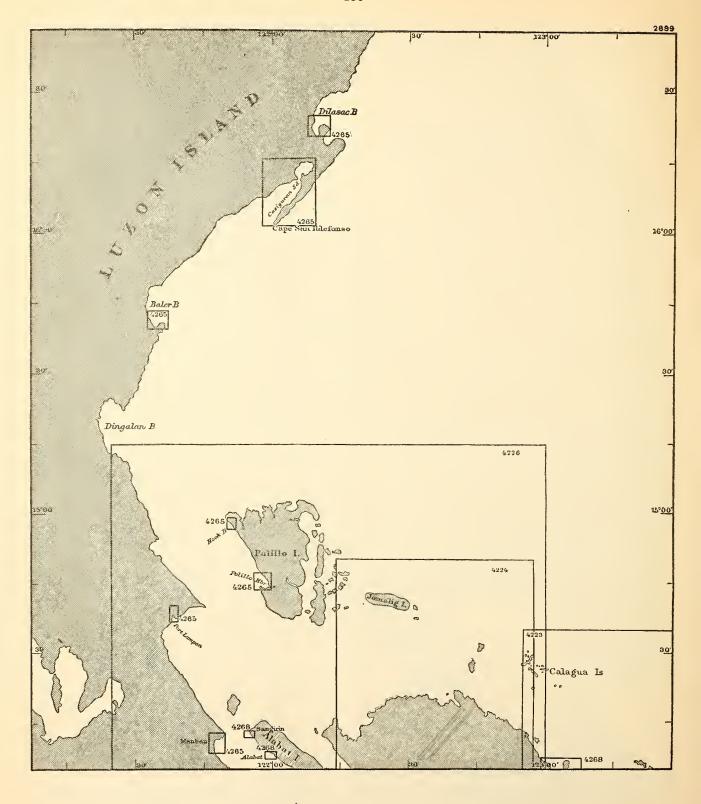
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS.						
4270	Harbors of Batan and Babuyan Islands and northern Luzon.	\ 			22×23	1908	\$0.30
	Part of Batan Islands		1 40,000	1.82			
	Port San Pio Quinto	Camiguin	60,000	1. 22			
	Musa Bay	Babuyan	30,000	2.43			
	Dirique Inlet	Luzon	10,000	7.30			
					ì		
						,	
	•						



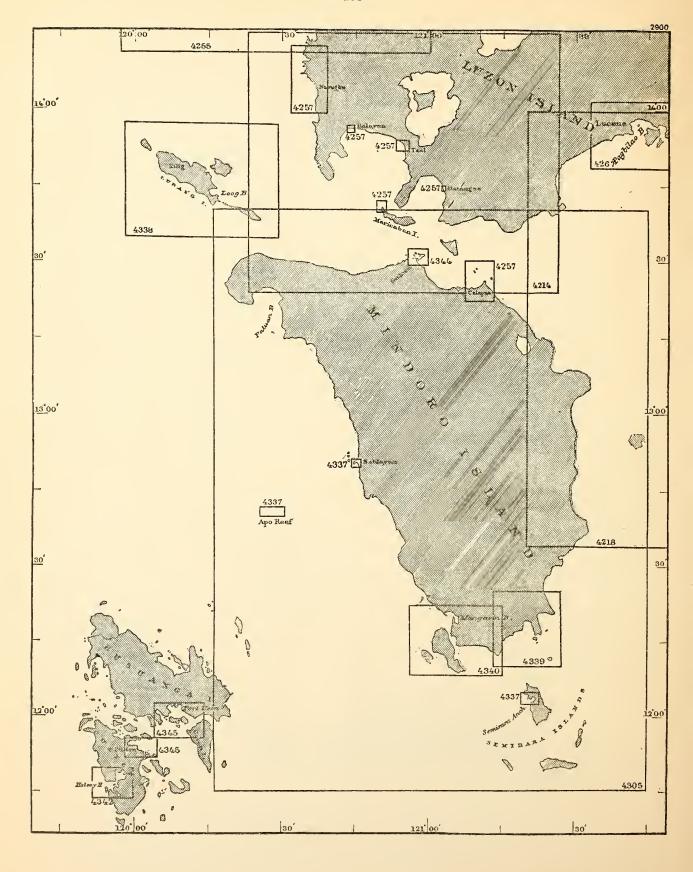
			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price,
	Coast and Harbor Charts—Continued.						
4263	Port San Vicente and vicinity	Luzon	20,000	3, 65	24×27	1903	\$0.20
4260	Aparri Anchorage and part of Cagayan River	Luzon	1 25,000	2.92	19×30	1903	.30
4262	Cagayan River	Luzon	80,000	0.91	23×29	1903	. 30
4207	Laoag to Vigan	Luzon	100,000	0.73	31×41	1906	. 40
	Port Currimao and Gan Bay		20,000	3.65			
	Salomague Harbor and Lapog Bay		1 20,000	3,65	k		
4208	Solvec Cove to San Fernando	Luzon	100,000	0.73	31×42	1906	.40
	Solvec Cove		10,000	7.30			
	San Esteban and Nalvo Bay		20,000	3, 65			
	Santiago Cove	·	10,000	7.30			
	Darigayos Inlet		10,000	7.30			 -
	`						
					8		
							1
			1			1	



						1	
Co. to No. more			Sca	LE.	Size	Date of	70.1
Catalogue number.	TITLE.	1sland.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4246	San Fernando Harbor	Luzon	1 15,000	4.86	18×33	1906	\$0.20
4209	Lingayen Gulf	Luzon	100,000	0.73	31×42	1912	.40
	Dagupan		20,000	3,65			
4239	Port Sual to Comas Island	Luzon	15,000	4.86	23 × 37	1904	. 30
4238	Bolinao Harbor and approaches	Luzon	20,000	3.65	35×36	1912	. 40
4210	Capones Island to Dasol Bay	Luzon	1 125, 000	0.60	24 × 41	1915	.40
	Santa Cruz Inner Harbor		30,000	2.43			
	Iba Anchorage		30,000	2.43			*******
4266	Ports Masinloc and Matalvi and Palauig Bay	Luzon	25,000	2.92	29×32	1907	. 30
4235	Pasig River	Luzon	10,000	7.30	26×42	1913	.30
4236	Manila and Cavite Harbors	Luzon			21×35	1913	.30
	Manila Harbor		10,000	7.30		-	
	Cavite Harbor		10,000	7.30		-	
4255	Manila Bay and Coast of Luzon to Capones Islands.	Luzon	125,000	0.60	27×37	1913	.40
	Mariveles Harbor		20,000	7.30			

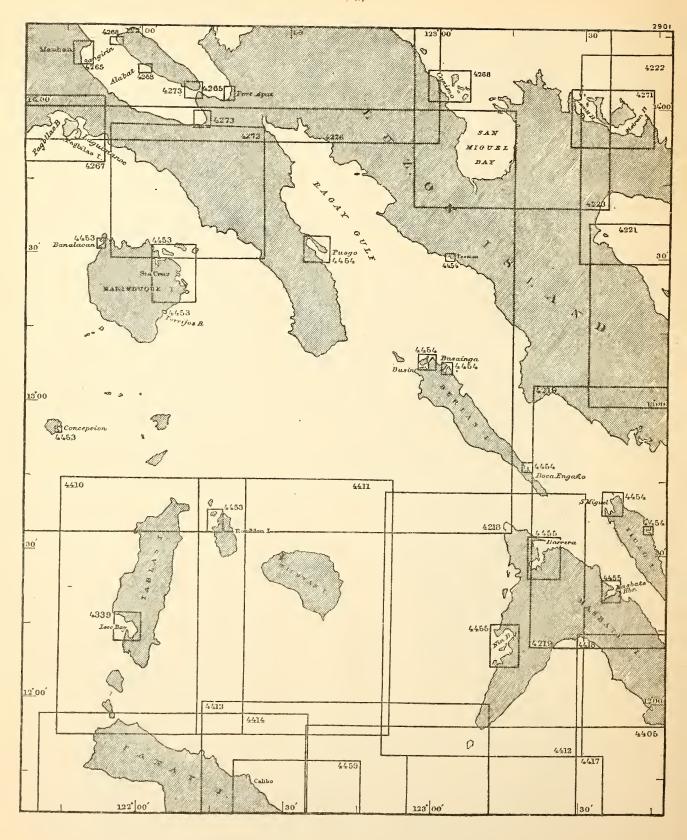


			Sa				
Catalogue	DAME IS	T-1	502	ALE.	Size of border	Date of	Deduce
number.	TITLE.	Island.	Average.	Inches to nautical mile.	(inches).	last edition.	Price.
	Coast and Harbor Charts—Continued.						
4265	Harbors on east coast of Luzon	Luzon			24×35	1909	\$0.30
	Port Dimalansan and Port Bicobian (see page 152).		60,000	1.22	.		
	West Dilasac Bay		1 50,000	1.46			
	Casiguran Bay		1 80,000	0.91			
	Baler Bay		1 50,000	1.46			
	Hook Bay		20,000	3. 65			
	Polillo Harbor		30,000	2.43			
	Port Lampon		20,000	3.65			
	Mauban Anchorage	~~~~	20,000	3, 65	• • • • • • • • • • • • • • • • • • • •		
	Port Apat, Caloag Bay (see page 160)		20,000	3.65			
4224	Calagua Islands to Basaid Bay	Luzon	100,000	0.73	31×34	1909	.40
4226	Lamon Bay and Polillo Island		200,000	0.36	31×34	1912	. 50
		•				nde	

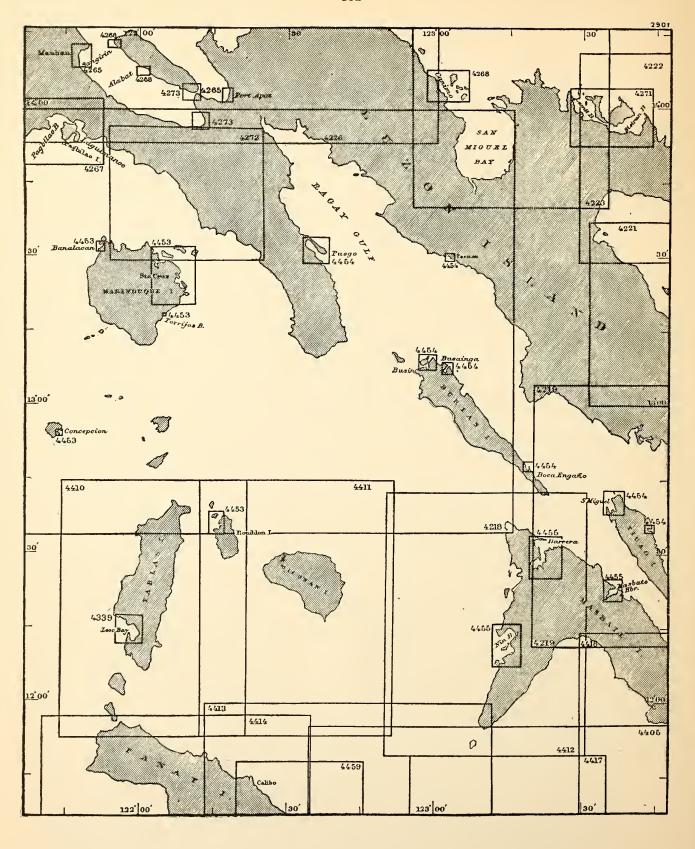


			Sca	ALE.	Cina	Date of	
Catalogue number.	TITLE.	Island,	Average.	Inches to nautical mile.	Size of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4214	Verde Island Passage		1 125,000	0.58	31×37	1915	\$0.40
4305	Mindoro and vicinity		1 200,000	0. 36	33×45	1914	. 50
4345	Anchorages, Verde Island Passage to Cuyo				29×34	1911	. 30
	Sablayan Anchorage	Mindoro	10,000	7. 30			
	Coron and Port Uson	Busuanga	1 40,000	1.82			
	Port Culion	Culion	1 30,000	2, 43			
	Cuyo Anchorage (see page 170)	Cuyos	1 150,000	0.48			
4344	Port Galera and Varadero Bay		1	7. 30	27×39	1910	. 30
			10,000				
4340	Mangarin and Pandarochan Bays	Mindoro	40,000	1.58	26×33	1911	. 30
4342	Halsey Harbor	Culion	20,000	3. 65	22×32	1906	. 30
4257	Anchorages, vicinity of Verde Island Passage				28×35	1907	. 30
	Nasugbu and Jamelo Cove.	Luzon	1 50,000	1, 46			
	Balayan, Balayan Bay		1	7. 30			
	Taal and Lemery, Balayan Bay	*	10,000	7. 30			
	Batangas, Batangas Bay		10,000	4.86			
	Port Maricaban, Verde Island Passage		15,000 1				
	Calapan, Verde Island Passage		10,000				
			40,000				
4337	Anchorages west and south of Mindoro	Mindoro		· · · · · · · ·	28×36	1915	. 30
	Apo Reef		20,000				
	Sablayan Anchorage		20,000				
	Semerara Anchorage.		20,000				
4990	Tologo Tilogi		1	7 00 F	00.54.00	7074	20
4338	Lubang Islands		60,000	1. 22	28×38	1914	. 30
	Golo Pass		20,000	3. 65			• • • • • • • •
4339	Anchorages in southeastern Mindoro and Tablas Island.	Mindoro	40,000	1.82	25×37	1912	. 30
	Looc Bay	Tablas	1.	1.82			
	Lagara Cove	Mindoro	40,000	3. 65	• • • • • • •		

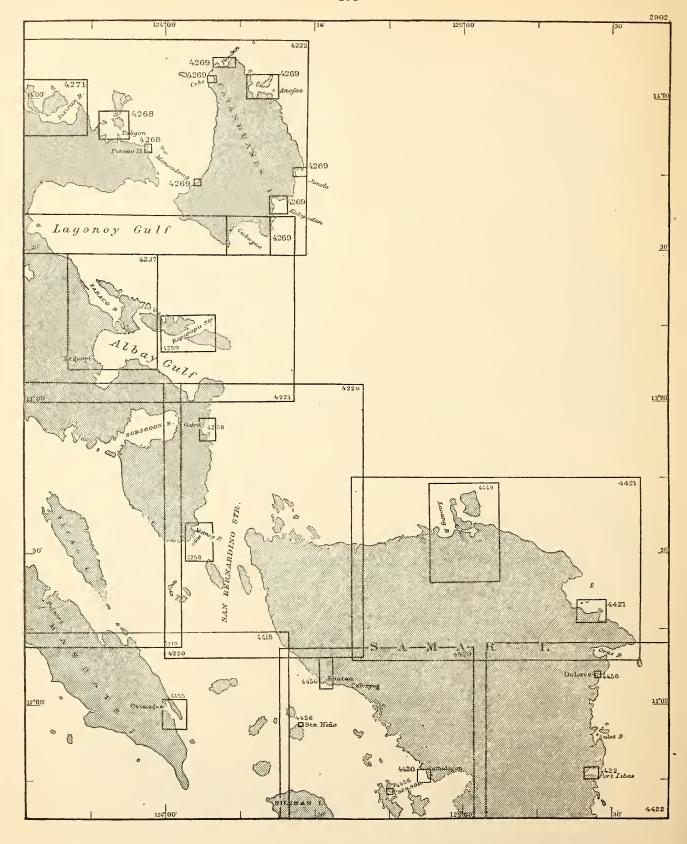
1 ...



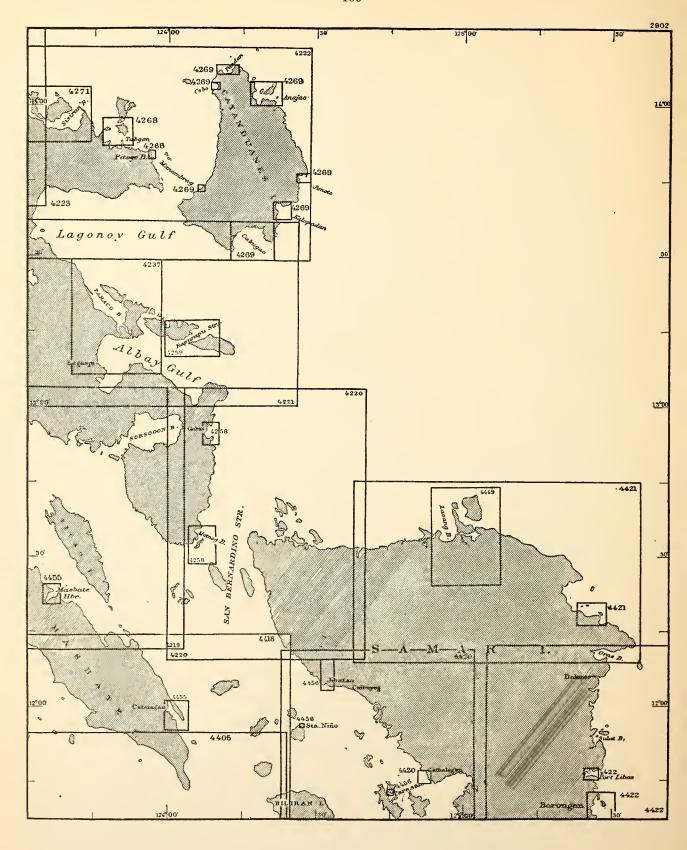
			Sca	ALE.	Size	Date of	
('atalogue number,	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition,	Price.
4453	COAST AND HARBOR CHARTS—Continued. Harbors of Marinduque Island and vicinity				28×37	1913	\$0.30
	Port Balanacan, northeast coast	Marinduque	10,000	7.30			
	Santa Cruz Harbor and Masagasai Bay, northeast coast.	Marinduque	30,000	2.43			
	Torrijos Bay, east coast	Marinduque	5,000	14.59			
	Port Concepcion	Maestro de Campo.	10,000	7.30			
	Romblon Harbor	Romblon	10,000	7,30			
4454	Harbors on Burias and Ticao Islands and Ragay Gulf.				26 × 30	1914	.30
	Port Pusgo, Ragay Gulf	Luzon	30,000	2.43			
	Pasacao Anchorage, Ragay Gulf	Luzon	20,000	3, 65			
	Port Busin, north coast	Burias	20,000	3.65			
	Port Busainga, northeast coast	Burias	1 15,000	4.86			
	Port Boca Engaño, southeast coast	Burias	10,000	7.30			
	Port San Miguel, north coast	Ticao	30,000	2.43			-
	San Jacinto, east coast.	Ticao	20,000	3,65			
4267	Lucena Anchorage, Pagbilao and Laguimanoc Bays (see also page 158).	Luzon	1 40,000	1.82	24 × 34	1907	. 30
4410	Tablas Island and vicinity		100,000	0.73	28×38	1913	.40
4411	Sibuyan and Romblon Islands		100,000	0,73	29×39	1914	.40
4412	Western Masbate		100,000	0.73	30×40	1913	.40
4414	Northwestern Panay		100,000	0.73	32×40	1913	.40



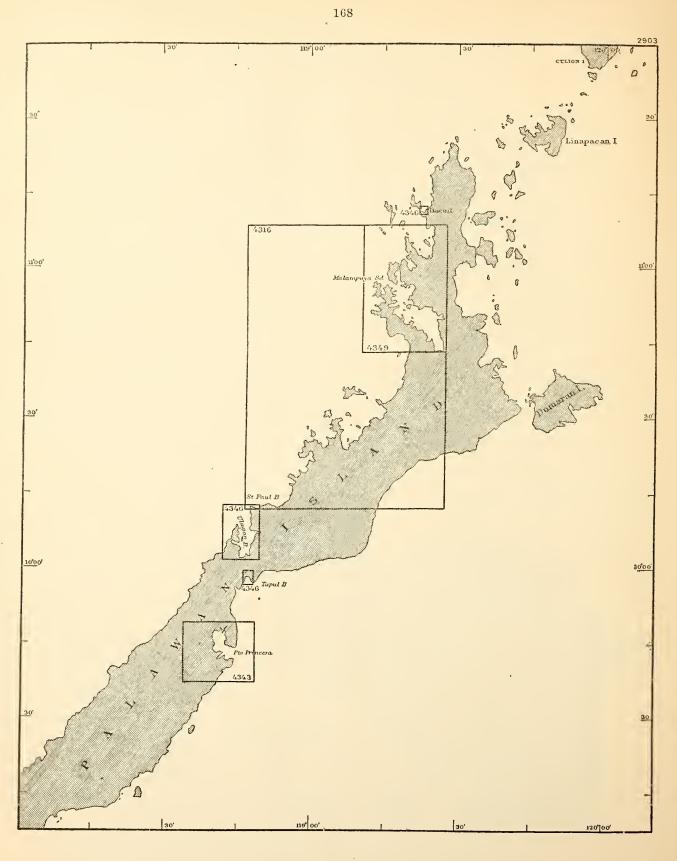
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4455	Harbors on coast of Masbate				26×36	1914	\$0.30
	Port Barrera, north coast		-1 30,000	2,43			~~~~
	Masabate Harbor, northeast coast (see page 164).		20,000	3.65			
	Port Cataingan, southeast coast (see page 164).		1 	2,43			
	Nin Bay, west coast		30,000	2.43			
4223	San Miguel and Lamit Bays (see also page 156).	Luzon	100,000	0.73	29×41	1913	. 40
4268	Harbors from Alabat to Pitogo Bay				26×30	1909	.30
	Port Alabat, southwest coast	Alabat	20,000	3, 65			
	Sangirin Bay, northwest coast	Alabat	20,000	3.65			
	Tabgon Anchorage, east coast (see page 166).	Luzon	30,000	2.43			
	Canimo Pass and Mercedes, east coast	Luzon	25,000	2.92			
	Pitogo Bay, east coast (see page 166)	Luzon	1 15,000	4.86			
4271	Lamit and Sisiran Bays	Luzon	30,000	2.43	30×41	1909	.30
4272	Unisan to Mulanay and northern part Marinduque.	Luzon and Marinduque.	70,000	1.04	28×38	1913	. 30
4218	Ragay Gulf to Tayabas Bay	Luzon	20,000	3, 65	32×42	1913	. 50
4273	Silangan Pass and Hondagua Harbor	Luzon	20,000	3, 65	31×16	1913	.20



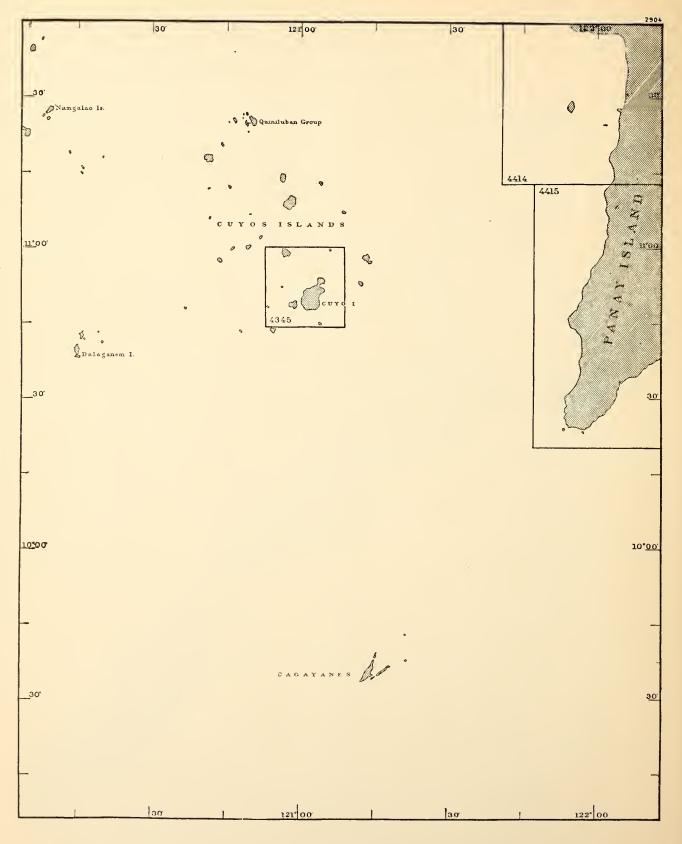
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	Coast and Harbor Charts—Continued.						
4222	Lagonoy Gulf to Sisiran Bay (see also page 162).	Luzon	100,000	0.73	31×43	1909	\$0.40
4221	Albay Gulf and part of Lagonoy Gulf (see also page 162).	Luzon	100,000	0.73	28×44	1911	. 50
4237	Tabaco Bay to Legaspi	Luzon	1 40,000	1.82	32×41	1908	. 30
4259	Rapurapu Strait and Calanaga Bay	Batan and Ra- purapu.	30,000	2.43	23×31	1906	. 30
4219	Passages between Luzon and Masbate, and Sorsogon Bay (see also page 162).	•••••	100,000	0.73	31×39	1910	. 40
4258	Matnog Bay and Ticlin Strait	Luzon	30,000	[2,43]	18×26	1911	. 20
1200	Port Gubat	Luzon	20,000	3.65	10 / 20	1011	. 20
4220	San Bernardino Strait	Luzon and Sa- mar.	100,000	0.73	29×40	1911	. 40
4449	Port Palapag and Laoang Bay	Samar	40,000	1.82	31×33	1911	. 30
4418	Southeast Masbate (see also pages 163 and 164).		100,000	0.73	31×41	1915	.40
4420	Calbayog to Tacloban (see also page 176)	Samar and Leyte.	100,000	0.73	29×42	1914	.40
	Catbalogan Harbor		1 35,000			k 	
4421	Catarman to Oras Bay	Samar	100,000	0.73	30×41	1908	. 40
	Helm Harbor and Ramon Bay		25,000	2.90			
4422	Oras Bay to Matarinao Bay (see also page 176)	Samar	100,000	0.73	29×41	1908	. 40
	Port Libas		30,000	2.43			
	Port Borongan		30,000	2.43			
	Llorente and vicinity		30,000	2.43			



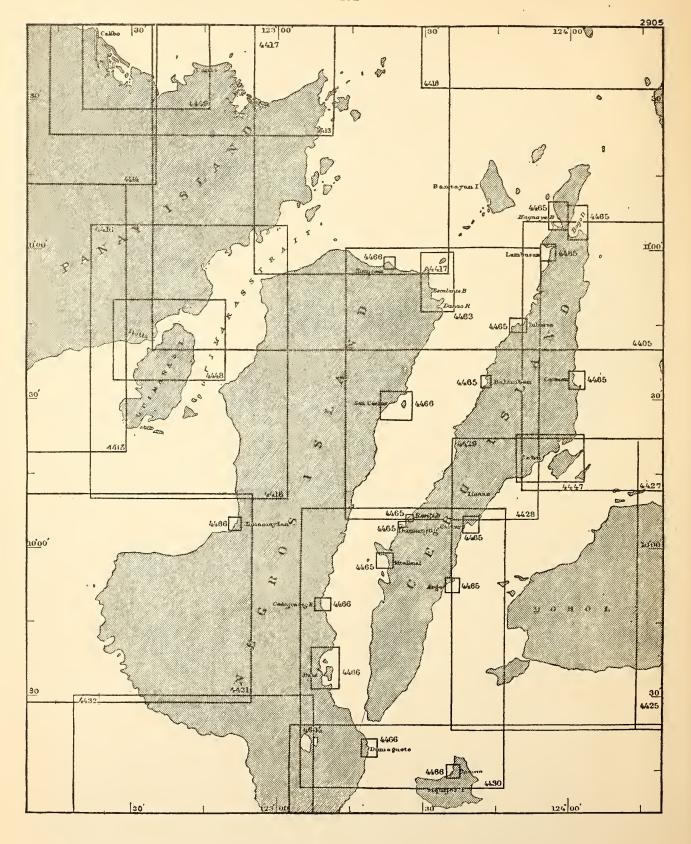
			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4456	Harbors of Samar and Leyte				24×28	1914	\$0.30
	Jibatan River, west coast	Samar	1 50,000	1.46			
	Santo Niño	Santo Niño	5,000	14. 59			
	Parasan Harbor	Daram	10,000	7.30			-
ľ	Biliran Strait	Leyte and Biliran.	20,000	3.65			
	Port Palompon (see page 176)		10,000	7.30			
4269	Harbors of Catanduanes				24×27	1909	. 30
	Cabugao Bay, south coast		1 50,000	1.46			
	Bagamanoc and Anajao, east coast		1 30,000	2.43	~ ~~		
	Cobo Bay, west coast		20,000	3, 65			
	Port Manambrag, west coast		20,000	3,65			<u></u>
	Pandan Bay, north coast		30,000	2.43			
	Jimoto Bay, east coast		1 20,000	3, 65			
	Kalapadan Bay, east coast		30,000	2.43			
				a.			



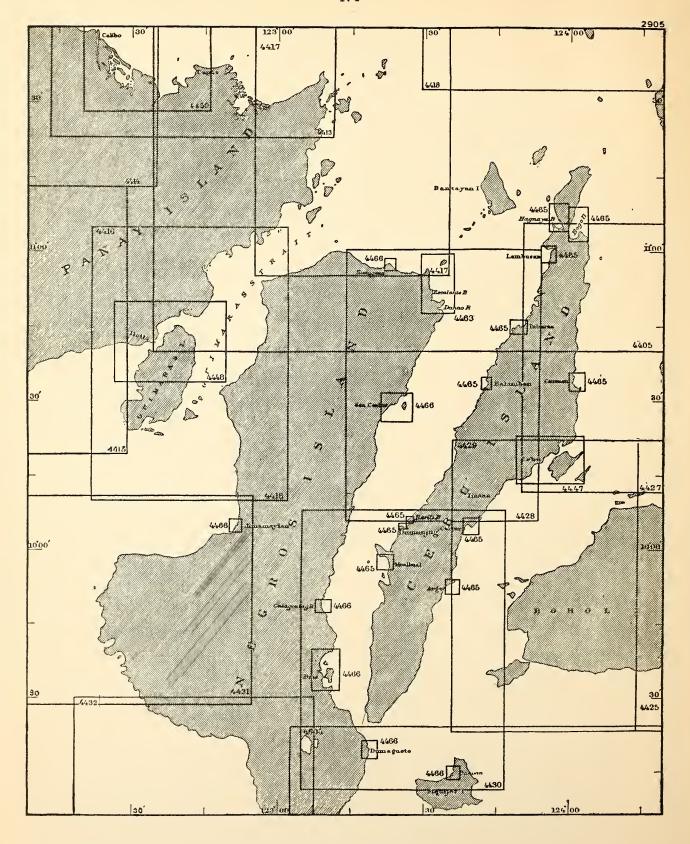
	TITLE.	Island.	Sca	ALE.	Size of border (inches).	Date of last edition.	
Catalogue number.			Average.	Inches to nautical mile.			Price.
	COAST AND HARBOR CHARTS—Continued.						
4343	Puerto Princesa	Palawan	40,000	1.82	21×27	1907	\$0, 30
4346	Harbors of Palawan Island				26×36	1905	. 30
	Bacuit, northeast coast		1 15,000	4.86			
	Ulugan Bay, west coast		30,000	2.43			
	Malanut and Nakoda Bays, west coast (see page 178).		30,600	2.43			
٠	Culasian Bay, west coast (see page 178)		20,000	3.65			
	San Antonio Bay, southeast coast (see page 178).	\	100,000	0.73			
	Tapul Bay, east coast, part of		20,000	3, 65			
4316	Northwest coast of Palawan, Malampaya Sound to St. Paul Bay.		100,000	0.73	31×42	1905	.40
4349	Malampaya Sound and approaches	Palawan	50,000	1.46	25×38	1908	.40
	·						



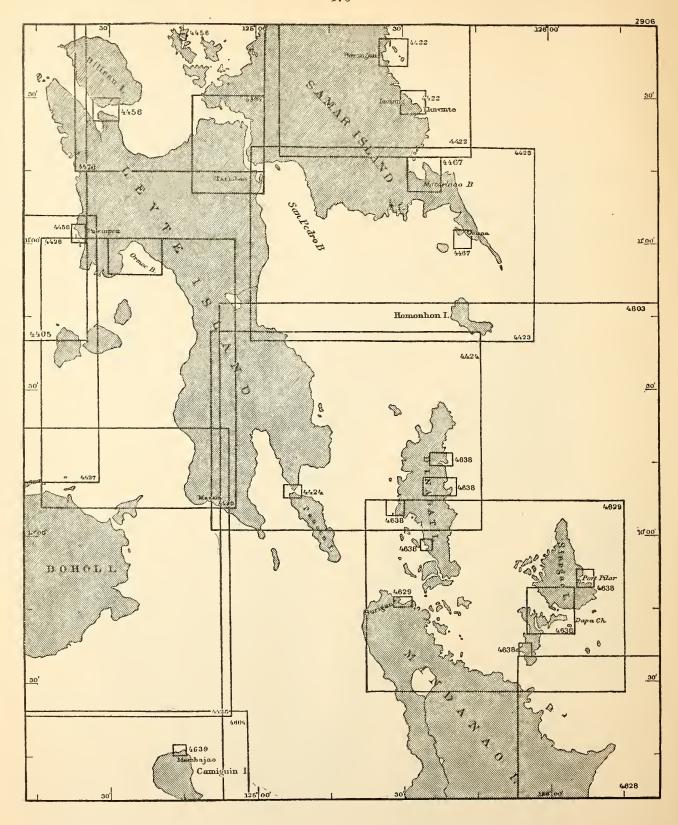
			Sca	LE,	Size Date of		
Catalogue number.	TITLE.	Island	Average.	Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
4415	COAST AND HARBOR CHARTS—Continued. Southwestern Panay (see also page 174)		100,000	0.73	31 × 39	1913	\$0.40
							1
				ı			



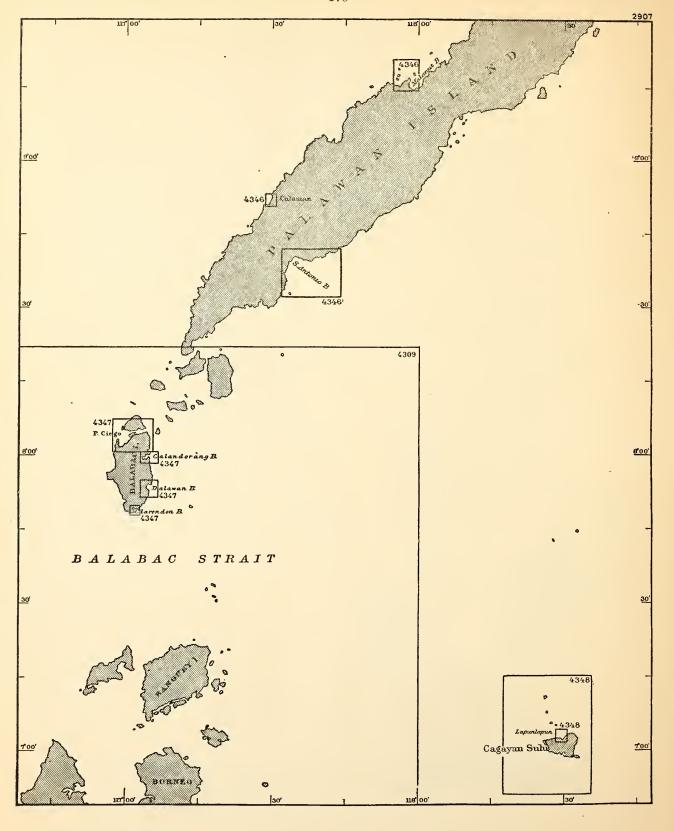
-			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island,	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4405	Visayan Sea		200,000	0.36	28×40	1914	\$0.50
4459	Capiz to Calibo (see also page 160)	Panay	1 50,000	1.46	29×39	1906	. 30
4417	Northeast coast of Panay and adjacent islands (see also page 160).		100,000	0.73	31×42	1911	. 40
4416	Iloilo and Guimaras Straits	Panay and Guimaras.	100,000	0.73	30×41	1907	.40
4448	Iloilo Strait and Harbor	Panay	50,000	1.46	24×32	1912	.30
	Iloilo River		10,000	7.30			
	Santa Ana Bay		1 25,000	2.92			
4428	Northern part of Tañon Strait	Negros and Cebu.	100,000	0.73	29×41	1911	. 40
4447	Cebu Harbor and approaches	Cebu	30,000	2,43	24×33	1910	.30
	Cebu Anchorage		10,000	7. 30			
4463	Escalante Harbor and vicinity	Negros	20,000	3.65	30×43	1909	.30
4413	Northern Panay, Sigat Point to Bulacane Point		100,000	0.73	27×43	1909	. 40
4429	Western Bohol	Bohol	100,000	0.73	30×44	1911	. 40
4430	Tañon, southeast part	Cebu and Ne- gros.	100,000	0.73	32×42	1911	. 40
4432	Southwestern Negros		100,000	0.73	27×35	1913	.40
4431	Western Negros		100,000	0.73	32×36	1914	.40
			l				



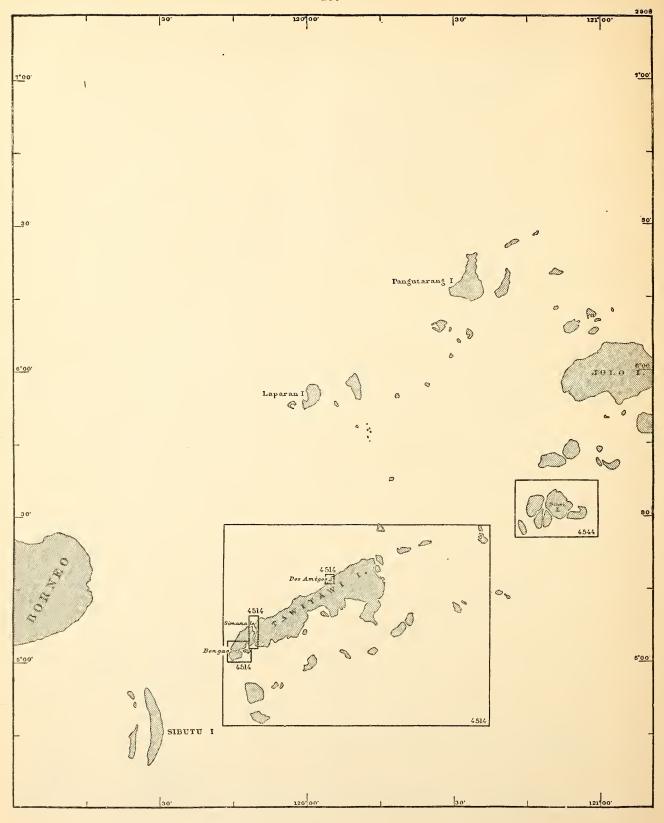
Coast and Harbor Charts—Continued. Coast and Harbors in Cebu. 25 × 32 1912 \$0.3				Sca	LE.	Size	Date of	
Harbors in Cebu.	number.	TITLE.	Island.	Average.	nautical			Price,
Hagnaya Bay		COAST AND HARBOR CHARTS—Continued.						
Hagnaya Bay	4465	Harbors in Cebu				25×32	1912	\$0.30
Taburan		Hagnaya Bay			2.43			
Lambusan Bay		Tuburan			2.43	-		
Dumanjug Bay		Balamban Bay			2.43			
Moalbual Bay		Lambusan Bay			2.43			
Argao		Dumanjug Bay			3. 65	\		
Bogo Bay		Moalbual Bay		20,000	3, 65	} 		
Carca Bay		Argao		25,000	2. 92			
Port Carmen				30,000				
Barili Bay				15,000				
Harbors in Negros and vicinity 15,000 10,73 28 × 40 191				15,000				
Harbors in Negros and vicinity 32 × 37 1911 .		Barili Bay		15,000				
Dumaguete Negros 1 7.30	4427	East coast of Cebu	Cebu		0.73	28×40	1910	. 40
Himugaan River Negros 10,000 1.50 Calagcalog Bay Negros 1 10,000 7.30 Port Canoan Siquijor 1 14.59 Port Bombonon Negros 1 10,000 7.30 Refugio Pass Negros 1 10,000 2.43 Port Siyt Negros 1 10,000 7.30 Himamaylan Negros 1 10,000 7.30 Negros 1 3.65 Himamaylan Negros 1 3.65 Negros 1	4466	Harbors in Negros and vicinity				32×37	1911	. 30
Calagcalog Bay Negros 1 15,000 1.5,0		Dumaguete	Negros	10,000	ì			
Port Canoan Siquijor 1 14.59		Himugaan River	Negros	15,000	4.86			
Port Canoan Port Bombonon Negros 1				10,000			0.0	
Refugio Pass Negros 1 3,65 Negros Negros 1 3,65 Negros Negros 1 3,65 Negros Negros				5,000				
Negros 35,000 2.00		·		10,000				
Port Siyt				35,000				
Himamaylan Negros 1 3,65				30,000				
20,000		·		10,000				
		Annie de la constante de la co	1108108	20,000	5.03			



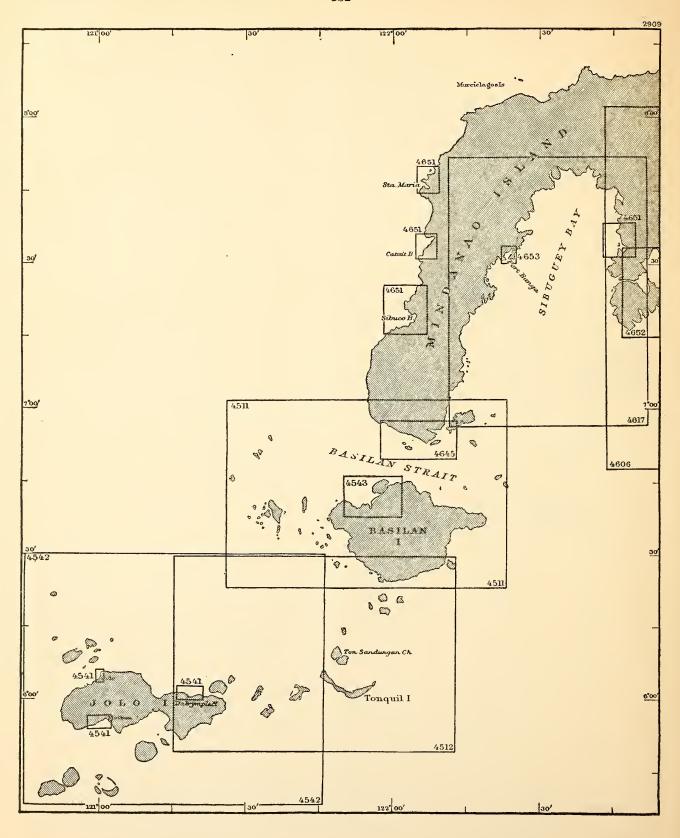
	TITLE.	Island.	Sca	LE.	Size of border (inches).	Date of last edition.	
Catalogue number,			Average.	Inches to nautical mile.			Price,
	COAST AND HARBOR CHARTS- Continued.						
4426	Southwest coast of Leyte, Ormoc Bay to Maasin		100,000	0.73	30×41	1915	\$0.40
-	Maasin		10,000	7.30			
4423	Southern part of Samar, San Pedro Bay and part of Leyte.		100,000	0.73	30×43	1910	. 40
4425	Eastern Bohol and part of Leyte		100,000	0.73	$30\frac{1}{2} \times 44$	1910	. 40
4464	San Juanico Strait and Janabatas Channel	Samar and Leyte.	30,000	2.43	30×40	1910	. 30
	Northern entrance to San Juanico Strait		10,000	7.30			
4467	Guiuan and	Samar	1 20,000	3.65	19×31	1911	. 30
	Pambujan Harbors		1 35,000	2.08	_		
4424	Southeast coast of Leyte and Dinagat Island	· · · · · · · · · · · · · · · · · · ·	100,000	0.73	31×41	1913	. 40
	Liloan Bay and Panaon Strait		10,000	7.30			
4603	Surigao Strait and vicinity	Mindanao and Leyte.	200,000	0. 37	34 imes 44	1913	. 50
4629	Hinatuan Passage	Mindanao	100,000	0.73	30×38	1913	. 40
	Surigao		10,000	7.30			
4638	Harbors on Dinagat, Siargao, and Bucas Islands.		- 		30×37	1913	. 30
	Dapa Channel		35,000				
	Gaas Bay and Inlet		30,000				
	Dinagat. Sohutan Bay and Inlet		20,000	3.65 3.65			
	San Roque		20,000	2.92			
	Port Pilar		25, 000 1 30, 000	2.43			
	Malinao Inlet		1 25,000	2.92			
						1	



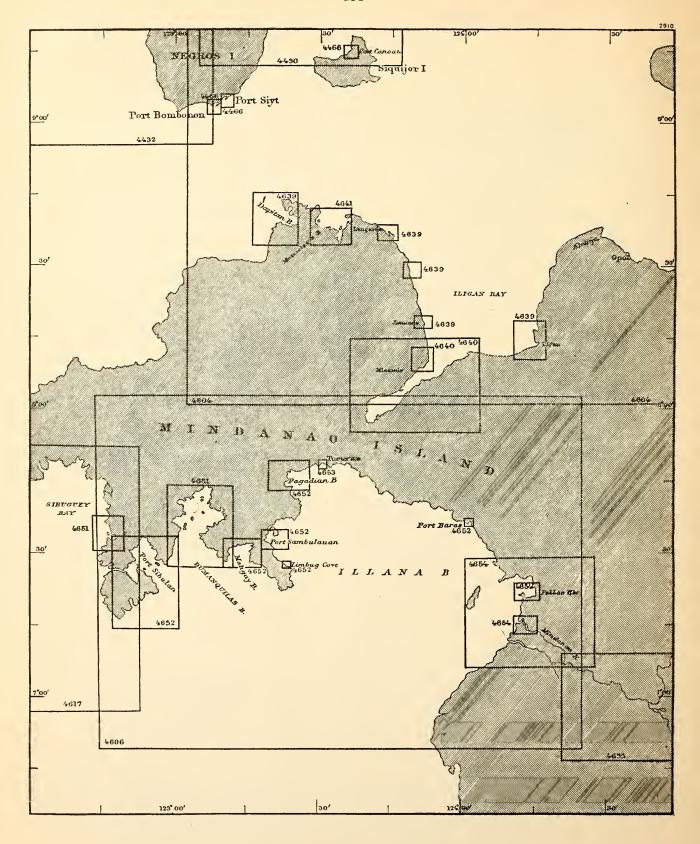
			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price,
	Coast and Harbor Charts—Continued.						
4309	Balabac Strait		199,000	0.37	31×42	1910	\$0.40
4348	Cagayan Sulu and adjacent islands	 	1 75,000	0.95	18×36	1905	. 30
	Låpunlapun Anchorage		15,000	4.36		- -	
4347	Harbors of Balabac Island			· 	23×28	1905	.30
	Clarendon Bay, south coast		15,000	4.86			
	Calandorang Bay, east coast		15,000	4.86			<mark>-</mark>
	Dalawan Bay, east coast		20,000	3. 6 5			
	Port Ciego, north coast		1 40,000	1.82			
i							
	•						
		-					



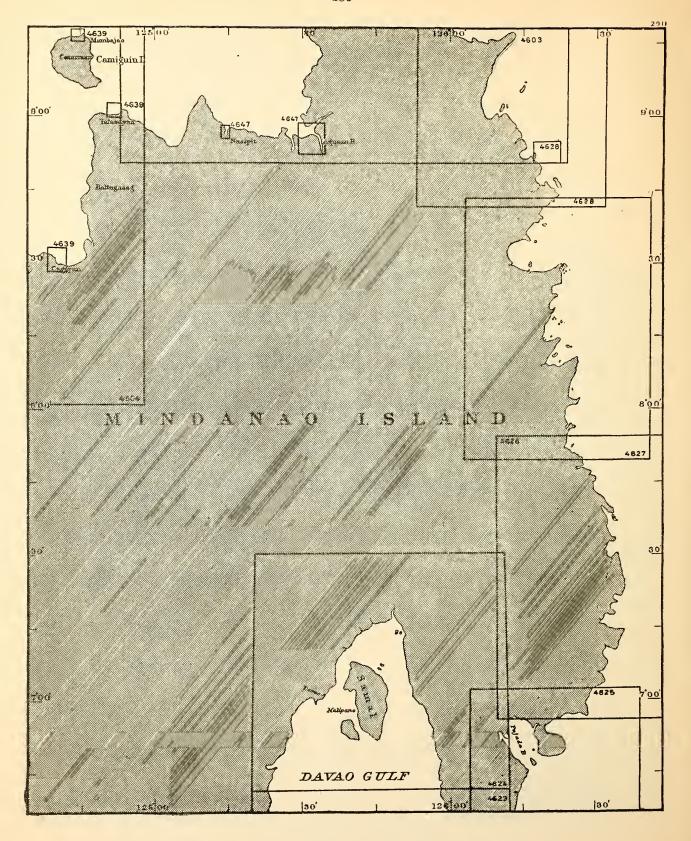
			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4514	Tawitawi Group, Sulu Archipelago		- t	0.73	31×41	1906	\$0.40
	Port Dos Amigos		- 1 15,000	4.86			
	Port Bongao		- 1 · 25,000	2.92			
	Simanale Bay and Channel		1 25,000	2.92			
4544	Siasi and Lapac Islands		- 1 30,000	2.43	31×41	1906	. 30



			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	Coast and Harbor Charts—Continued,						
4511	Basilan Strait	Mindanao and Basilan,	100,000	0.73	29×43	1913	\$0.50
4512	Samales Group, Sulu Archipelago		100,000	0.73	30×43	1906	.40
	Ton Sandungun Channel		25,000	2.92			
4542	Jolo Island and vicinity		189,000	0.38	21×25	1911	. 30
4541	Anchorages of Jolo Island	Jolo			26×37	1912	. 30
}	Jolo Anchorage, north coast		10,000	7.30			
	Dalrymple Harbor, north coast	• • ••••••	20,000	3.65			
	Maibun Bay, south coast		40,000	1.82			
4543	Isabela Channel and approaches	Basilan	1 25,000	2.93	25×33	1910	. 30
4645	Masingloc Anchorage to Caldera Bay	Mindanao	30,000	2.43	21×38	1912	. 30
4617	Sibuguey Bay	Mindauao	100,000	0.73	30×40	1909	. 40
	-						

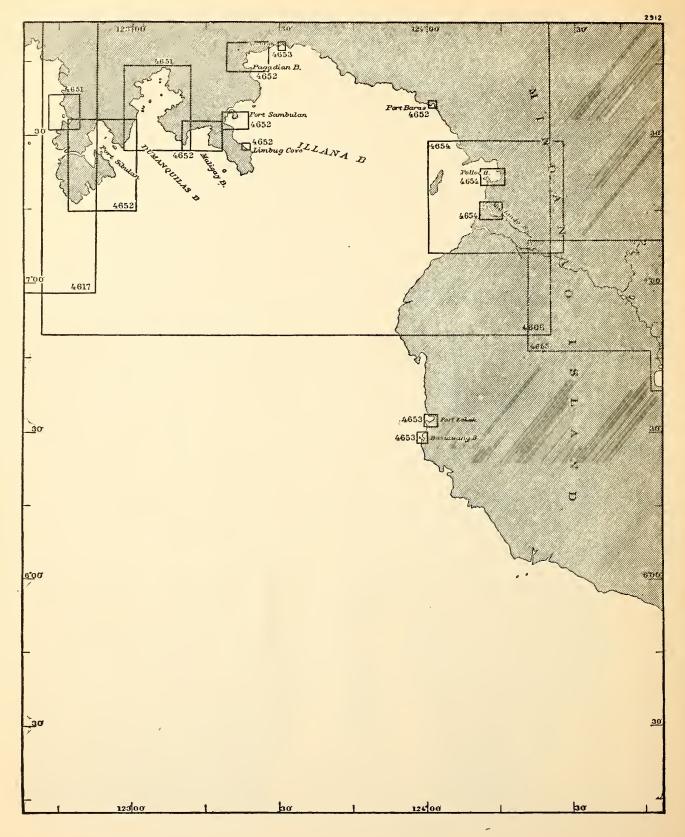


			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4641	Murcielagos Bay	Mindanao	30,000	2.43	18×22	1901	\$0.10
4640	Port Misamis	Mindanao	60,000	1. 22	26×33	1908	. 30
	Port Misamis		20,000	3,65			····
4639	Anchorages in Illigan Bay and vicinity	Mindanao		:	35×29	1911	. 30
	Lanagran and Inamuca Bay		$\frac{1}{25,000}$	2.92			
:	Dipitan and Dipolog	\	40,000	1.82			
	Canauayor Anchorage	\	20,000	3.65		<u> </u>	
	Jimanuez		20,000	3, 65		*	
	Iligan and Overton Anchorages and Queen- along Cove.		1 40,000	1.82			
	Oroquieta		20,000	3, 65	, 		
	Port Mambajao		10,000	7.30			
	Cagayan Anchorage		20,000	3, 65			
4604	Iligan Bay and vicinity	P. I	200,000	0.36	31×41	1911	. 50

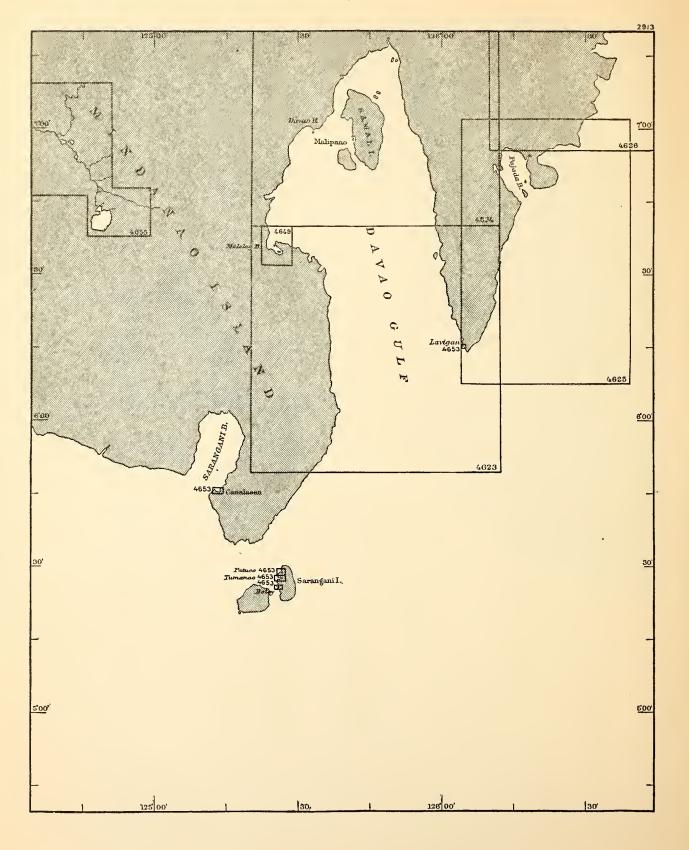


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED. GEOGRAPHICAL ARRANGEMENT.

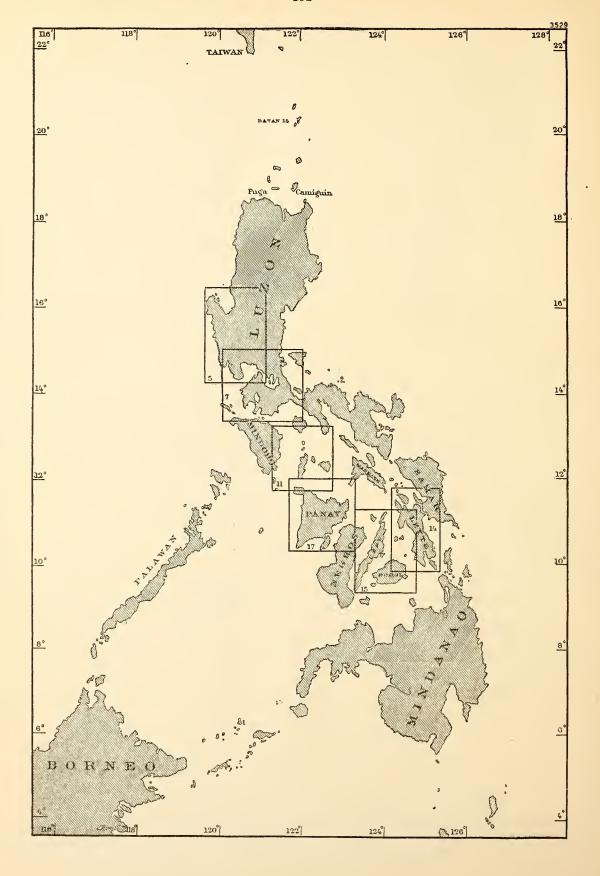
2.13			Sca	LE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
	COAST AND HARBOR CHARTS—Continued.						
4651	Harbors on south and west coasts of Mindanao.				28×32	1913	\$0.30
	Dumanquilas Bay (see page 184)	Mindanao	75,000	0.97			
	Taba Bay (see page 184)	Mindanao	30,000	2.45			
	Port Santa Maria (see page 182)	Mindanao	1 40,000	1.82			
	Panabutan and Cauit Bay (see page 182)	Mindanao	1 40,000	1.82			
	Sibuco Bay (see page 182)	Mindanao	1 100,000	0.73			
4647	Agusan River entrance	Mindanao	20,000	3.65	19 × 27	1911	. 30
	Nasipit Harbor	Mindanao	1 15,000	4.86			
4628	Jobo Point to Tugas Point.	Mindanao	1 100,000	0.73	29×41	1913	. 40
	Bitaugan Bay		30,000	2.43			
4626	Mayo Bay to Cateel Bay	Mindanao	100,000	0.73	30×41	1915	. 40
4627	Cateel Bay to Jobo Point	Mindanao	100,000	0.73	28×40	1915	. 40
	Lamon Anchorage		20,000	3.65			
	Catarman Anchorage		20,000	3, 65			
	*						



			Sca	ALE.	Size	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
4074	COAST AND HARBOR CHARTS—Continued.	25: 1	1	1 10	2440	1040	
4654	Mindanao River Delta and Polloc Harbor Parang and Polloc anchorages		50,000 1 20,000	1. 46 3. 65	34 × 40	1912	\$0.40
	Mindanao River anchorage and Cotabato entrance.		1 20,000	3.65			
4655	Mindanao River, upper part	Mindanao	1 50,000	1.46	33×42	1909	. 40
4606	Port Sibulan to Polloc Harbor	Mindanao	200,000	0.36	27×31	1910	. 50
4652	Harbors in Illana Bay	Mindanao			31×33	1912	. 30
	Port Sibulan		60,000				
	Port Baras		20,000				•
	Limbug Cove		1 15,000				
	Port Sambulauan		30,000				·
	Pagadian Bay		1 50,000				
	Maligay Bay		1 50,000	. 			
					•		
							·



			Sca	ALE.	Sizə	Date of	
Catalogue number.	TITLE.	Island.	Average.	Inches to nautical mile.	of border (inches).	last edition.	Price.
.4653	Coast and Harbor Charts—Continued. Harbors on the south coast of Mindanao				27×32	1910	\$0.30
	Lavigan Anchorage	Mindanao	5,000	14.59			
	Port Patuco, west coast	Sarangani	10,000	7.30			
	Port Bolay, west coast	Sarangani	1 5,000	14.59			<u></u>
	Port Tumanao, west coast	Sarangani	15,000	4.86	-		
	Canalasan Cove	Mindanao	1 20,000	3,65	 		
j	Basiauang Bay (see page 188)	Mindanao	1 20,000	3,65			
	Port Lebak (see page 188)	Mindanao	1 20,900	3, 65			
	Tucuran (see page 188)	Mindanao	1 5,000	14.59			
	Port Banga (see page 182)	Mindanao	29,000	3. 85	~		
4649	Malalag Bay, south coast	Mindanao	20,000	3, 85	23×25	1907	.20
4623	Southern part of Davao Gulf	Mindanao	100,000	0.73	31×40	1913	. 40
4624	Northern part of Davao Gulf	Mindanao	100,000	0.73	32×38	1909	. 40
	Davao Anchorage		20,000	3. 85			
	Malipano Anchorage		20,000	3, 85	/ -		
4625	Cape San Augustin to Mayo Bay	Mindanao	100,000	0.73	26×40	1914	. 40
	Balete Bay		1 20,000	3, 85			



TOPOGRAPHIC MAPS OF THE PHILIPPINE ISLANDS.

Catalogue No.	TITLE.	Scale.	Size.	Date.	Price.
5	Central Luzon. Southern Luzon.	200, 000 200, 000	Inches. 32 by 50 36 by 44	1912 1913	\$0.50 .50
11	Islands of Tablas, Romblon, and Sibuyan.	200, 000	30 by 32	1913	. 50
14	Leyte	200, 000	24 by 44	1914	. 50
17	Panay	200, 000	35 by 33	1912	. 50
15	Cebu and Bohol.	200, 000	38 by 44	1915	. 75

14180°---16-----13





(195)



NUMERICAL ARRANGEMENT OF CHARTS.

CHART No.	Price.	Page.	CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
υ	\$0. 50	- 91	148	\$0.50	53		174	\$0.50	67		197	\$0.50	79
6	. 50	21	150	. 50	53		175	. 50	69		198	. 50	79
14	. 50	21	151	. 50	53		176	. 50	69		199	. 50	79
15	. 50	21	152	. 50	55	,	177	. 50	69		200	. 50	79
16	. 50	21	153	. 50	55	-	178	. 50	71		201	. 50	79
19	. 50	21	154	. 50	55		179	. 50	71		202	. 50	79
20	. 50	21	155	. 50	57		180	. 50	71		203	. 50	81
21	. 50	21	156	. 50	57		181	. 50	71		204	. 50	81
51	. 50	21	157	. 50	57		182	. 50	73		207	. 50	83
52	. 50	21	158	. 50	59		183	. 50	73		208	. 50	83
77	. 50	21	159	. 50	59		184	. 50	73	i	209	. 50	83
78	. 50	21	160	. 50	59		185	. 50	75		210	. 50	85
101	. 50	23	161	. 50	61		186	. 50	75		211	. 50	85
102	. 50	23	162	. 50	61		187	. 50	75		212	. 50	85
103	. 50	25	163	. 50	61		188	. 50	75		225	. 50	25
104	. 50	25	164	. 50	63		189	. 50	75		228	. 25	27
105	. 50	27	165	. 50	63		190	. 50	77		229	. 30	27
109	. 50	29	166	. 50	63		191	. 50	77		242	. 30	29
111	. 50	29	167	. 50	63		192	. 50	77		243	. 50	29
112	. 50	29	168	. 50	65		193	. 50	77		244	. 25	29
113	. 50	29	169	. 50	65		194	. 50	77		245		
116	. 50	33	172	. 50	65	}	195	. 50	77		246	. 50	29
147	. 50	51	173	. 50	65		196	. 50	77		247	. 25	31

NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.	CHART No.	Price.	Page.	CHART No.	Price.	Page.	CHART No.	Price.	Page.
248	\$0.50	29	271	\$0. 50	35	306	\$0. 25	25	338	\$0. 25	29
249	. 50	31	272	. 50	39	307	. 25	25	339	. 20	29
250	. 25	29	273	. 50	39	308	. 25	25	340	, 20	29
251	. 50	31	274	. 25	39	309	. 25	25	341	. 20	29
252	. 50	31	275	. 30	29	310	. 25	25	343	. 25	31
253	. 25	33	281	. 50	37	311	. 25	25	345	. 25	31
254	. 25	33	282	. 50	37	311a	. 20	25	346	. 25	31
255	. 25	33	283	. 50	37	312	. 25	27	347	. 25	31
256	. 25	33	284	. 50	37	313	, 25	27	348	. 25	31
257	. 50	33	288	. 25	27	314	. 25	27	351	. 20	31
258	. 50	33	289	. 25	27	315	. 25	27	352	. 20	31
259	. 50	33	293	. 50	33	315a	. 20	27	353	. 75	31
260	. 50	33	294	. 50	41	317	. 20	25	353 ²	. 40	31
261	. 50	33	295	. 50	41	318	. 20	25	354a	. 20	31
262	. 25	31	296	. 50	41	319	. 20	25	355	. 20	31
263	. 50	35	297	. 25	31	320	. 20	25	356	. 50	31
264	. 50	35	298	. 25	35	321	. 20	. 25	357	. 20	31
265	. 50	35	299	. 25	35	325	. 40	27	358	. 40	33
266	. 50	35	300	. 25	23	327	. 20	27	359	. 40	33
267	. 50	35	301	. 25	23	0329	. 25	27	3614	. 30	· 35
268	. 50	35	303	. 25	23	330	. 20	27	362	. 20	33
269	. 50	35	304	. 25	23	331	. 25	27	366	. 20	35
270	. 50	35	305	. 25	23	337	. 50	29	367	. 20	35

198

1 .

199
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
368	\$0. 20	35		434	\$0. 20	55		474	\$0. 25	69		541	\$0.50	39
369	. 75	39		435	. 20	55		477	. 25	69		542	. 50	39
					į i									39
3694	. 50	39		436	. 25	55		480	. 20	71		543	. 30	
3695	. 50	39		437	. 25	57		490	. 25	75		544	. 30	39
369 ^s	. 50	39		438	. 25	57		494	. 50	47		548	. 50	45
375	. 50	39		440	. 50	57		495	. 50	47		549	. 50	45
376	. 50	21		441	. 25	57		504	. 50	47		557	. 50	45
379	. 25	41		443	. 25	57		508	. 25	59		558	. 50	45
380	. 50	41		444	. 25	57	ļ.,	509	. 25	59		559	. 50	45
381	. 50	41		445	. 50	55		517	. 50	81		560	. 50	45
385	. 50	45	•	446	. 25	57		518	. 20	79		565	. 25	39
400	. 50	47		447	. 25	57		520	. 15	81		571	. 50	57
406	. 20	49		448	. 25	57		525	. 50	81		577	. 50	59
407	. 20	49		450	. 50	57		529	. 50	47	7	584	, 50	65
409	. 10	49		451	. 30	47		530	. 50	47		901	. 50	87
413	. 25	75		453	. 25	59		531	. 50	47		902	. 50	87
420	. 25	51		455 b	. 40	59		532	. 50	81		903	. 50	87
421	. 20	51		455c	. 40	59		534	. 50	45		904	. 50	87
422		53		455 d		59		535		45		908	. 50	87
	. 25				. 40				. 50			Ì		
424	. 50	53		458	. 40	59		536	. 50	45		909	. 25	87
425	. 50	53		465	. 15	63		537	. 50	49		913	. 50	87
428	. 25	55		471 <i>a</i>	. 25	67		538	. 50	49		914	. 50	87
431	. 50	55		473	. 25	69		539	. 50	45		915	. 25	87

200
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

-					1					li -	1	
CHART No.	Price.	Page.		CHART No.	Price.	Page.	CHART No.	Price.	Page.	CHART No.	Price.	Page.
916	\$0. 25	87		1110	\$0.50	21	1226	\$0. 50	45	3039	\$1.00	13
917	. 50	87		1111	. 50	21	1227	. 50	47	3040	1.00	13
918	. 25	87		1112			1228	. 50	49	3043	. 30	14
920	. 50	87		1114	. 50	21	1229	. 50	49	3046	. 25	13
921	. 50	87		1115	. 50	21	1231	. 50	49	3053	. 20	13
922	. 25	87		1204	. 50	27	1232	. 50	49	3054	. 50	15
927	. 50	87		1205	. 50	27	1233	. 50	51	3055	. 50	15
928	. 50	87		1206	. 50	27	1252	. 50	67	3056	. 20	13
929	. 50	87		1208	. 50	29	1281	. 50	81	3057	. 25	13
931	. 50	87		1211	. 50	37	3000	1.00	13	3058	. 30	13
932	. 25	87		1212	. 50	33	3007	. 50	14	3059	. 25	14
950	. 50	89		1214	. 50	37	3008	. 30	14	3081	. 20	14
952	. 50	89	,	1215	. 50	37	3013	. 30	14	3101		14
953	. 30	89		1216	. 50	41	3014	. 30	14	to 3190	. 10	14
954	. 30	89		1217	. 50	41	3020	. 20	15	3208	. 20	14
1000	. 50	19		1218	. 50	41	3025	. 20	13	3209	. 20	14
1001	. 50	19		1219	. 50	43	3026	. 20	13	3210	. 20	14
1002	. 50	19		1220	. 50	43	3030	. 40	13	3211	. 20	15
1007	. 50	19		1221	. 50	43	3032	. 50	15	3212	. 20	15
1106	•••••			1222	. 50	43	3035	. 30	14	3213	. 20	15
1107	. 50	21		1223	. 50	43	3035a	. 50	14	3214	. 25	15
1108	. 50	21		1224	. 50	43	3035b	3. 00	14	3215	. 25	15
1109	. 50	21		1225	. 50	45	3036	. 30	14	3216	. 25	15

201
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

CHART No.	Price.	Page.	CHART No.	Price.	Page.	CHART No.	Price.	Page.		Снакт No.	Price.	Page.
3217	\$0, 25	15	4200	\$0.50	149	4223	\$0.40	163		4267	\$0.30	161
3219	. 25	15	4201			4224	. 40	157		4268	. 30	163
3220	. 25	15	4202	. 50	147	4226	. 50	157		4269	. 30	167
				. 30	111		. 30	107				
3221	. 25	16	4203			4227				4270	. 30	151
3222	, 25	16	4204			4228		•••••		4271	. 30	163
3223	. 25	16	4205	• • • • • • •		4229			:	4272	. 30	163
3224	. 25	16	4206			4230		• • • • • •		4273	. 20	163
3225	. 25	16	4207	. 40	153	4235	. 30	155		4305	. 50	159
3226	. 25	16	4208	. 40	153	4236	. 30	155		4309	. 40	179
3227	. 25	16	4209	. 40	155	4237	. 30	165		4310		
3228	. 25	16	4210	. 40	155	4238	. 40	155		4312		
4101	. 20	147	4211			4239	. 30	155		4313		
4102	. 50	147	4212			4242				4314		
4103	. 25	147	4213			4246	. 20	155		4315		
4104	. 25	147	4214	. 40	159	4255	. 40	155		4316	. 40	169
4105	. 25	147	4215			4257	. 30	159		4317		
4106	. 25	147	4216			4258	. 20	165		4318		
4107	. 25	147	4217			4259	.30	165		4319		
				F0.	7.00							
4108	. 25	147	4218	. 50	163	4260	. 30	153		4320		
4109	. 50	147	4219	. 40	165	4262	. 30	153		4321	•••••	••••
4115	. 50	147	4220	. 40	165	4263	. 20	153		4322		
4116	. 50	147	4221	. 50	165	4265	. 30	157		4337	. 30	159
4117	. 50	147	4222	. 40	165	4266	. 30	155		4338	. 30	159

202
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

•

CHART				CHART.				CHART			CHART		
No.	Price.	Page.		No.	Price.	Page.		No.	Price.	Page.	No.	Price.	Page.
4339	\$0. 30	159		4423	\$0.40	177		4510			4622		
4340	. 30	159		4424	. 40	177		4511	\$0.50	183	4623	\$0.40	191
4342	. 30	159		4425	. 40	177		4512	. 40	183	4624	. 40	191
4343	. 30	169		4426	. 40	177		4513			4625	. 40	191
4344	. 30	159		4427	. 40	175		4514	. 40	181	4626	. 40	187
4345	. 30	159		4428	. 40	173		4515			4627	. 40	187
4346	. 30	169		4429	. 40	173		4516			4628	. 40	187
4347	. 30	179		4430	. 40	173		4541	. 30	183	4629	. 40	177
4348	. 30	179		4431	. 40	173		4542	. 30	183	4638	.30	177
4349	. 40	169		4432	. 40	173		4543	. 30	183	4639	. 30	185
4405	. 50	173		4447	. 30	173		4544	. 30	181	4640	. 30	185
4410	. 40	161		4448	. 30	173		4603	. 50	177	4641	. 10	185
4411	. 40	161		4449	. 30	165		4604	. 50	185	4645	. 30	183
4412	. 40	161		4453	. 30	161		4606	. 50	189	4647	. 30	187
4413	. 40	173	and the same of th	4454	. 30	161		4610			4649	. 20	191
4414	. 40	161		4455	. 30	163		4611			4650		
4415	. 40	171		4456	. 30	167		4612			4651	. 30	187
4416	. 40	173		4459	. 30	173		4614			4652	. 30	189
4417	. 40	173		4463	. 30	173		4615			4653	. 30	191
4418	. 40	165		4464	. 30	177		4616			4654	. 40	189
4420	. 40	165		4465	. 30	175		4617	. 40	183	4655	. 40	189
4421	. 40	165		4466	. 30	175		4620			4705	. 50	149
4422	. 40	165		4467	. 30	177		4621			4706	. 50	149

203
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

CHART	Price.	Page.	CHART	Price.	Page.	CHART	Price.	Page.	CHART No.	Price.	Page.
No.			No.			No.					
4707	\$0.50	149	5302	\$0. 50	99	5795	\$0.40	105	6153	\$0. 50	113
4708	. 50	149	5386	. 20	97	5819	. 25	107	6154	. 50	113
4714	. 50	149	5402	. 50	99	5832	. 50	107	6185	. 50	113
4715	. 50	149	5403	. 50	99	5846	. 20	.107	6195	. 25	113
4716	. 50	149	5476	. 50	99	5895	. 20	107	6265	. 40	115
4717	. 50	149	5502	. 50	103	5900	. 50	109	6300	. 50	117
4718	. 50	149	5520	. 15	101	5 909	. 20	109	6303	. 25	117
4719	. 50	149	5525	. 20	101	5923	. 25	109	6377	. 25	117
4720	. 50	149	5530	. 50	101	5951	. 25	109	6378	. 25	117
4721	. 50	149	5531	. 50	101	5952	. 20	109	6380	. 50	117
4722	. 50	149	5532	. 50	101	5971	. 25	109	6381	. 50	117
4723	. 50	149	5533	. 50	101	5984	. 25	109	6399	. 15	117
5002	. 50	91	5534	. 50	101	6000	. 50	111	6400	. 50	119
5052	. 50	91	55 99	. 20	101	6003	. 20	111	6403	. 25	117
5100	. 50	93	5602	. 50	105	6023	. 25	111	6405	. 25	117
5106	. 25	93	5618	. 25	103	6057	. 20	111	6412	. 15	117
5126	. 25	93	5627	. 20	103	6088	. 25	111	6440	. 25	117
5128	. 20	93	5651	. 20	103	6100	. 50	113	6443	. 50	117
5143	. 25	93	5702	. 50	107	6112	. 25	113	6444	. 50	117
5144	. 25	93	5703	. 50	105	6122	. 20	113	6445	. 50	117
5145	. 25	93	5705	. 50	105	6146	. 25	113	6446	. 25	117
5202	. 50	95	5719	. 20	105	6151	. 50	113	6448	. 25	117
5261	. 25	95	5773	. 20	105	6152	. 50	113	6450	. 50	117

204
NUMERICAL ARRANGEMENT OF CHARTS—Continued.

t

1									[]		1	1
CHART No.	Price.	Page.	CHART No.	Price.	Page.	CHART No.	Price.	Page.		CHART No.	Price.	Page.
6451	\$0. 25	117	8176	\$0. 25	123	8300	\$0. 50	$\begin{cases} 119 \\ 131 \end{cases}$		8802	\$0. 50	91
6460	. 50	117	8178			8302	. 50	131		8822	. 50	137
6462	. 25	117	8179	. 15	123	8303	. 50	1 31		8833	. 25	137
7002	. 50	91	8200	. 50	$\left\{ \begin{array}{c} 119 \\ 127 \end{array} \right.$	8304	. 50	131		8841	. 25	137
8002	. 50	91	8210	. 50	127	8305	. 25	131		8851	. 25	139
8051	. 25	121	8214	. 25	127	8306	. 25	131		8860	. 50	145
8068	. 25	121	8216	. 25	127	8455	. 25	133		8881	. 20	135
8074	. 25	121	8218	. 25	127	8502	. 50	91		8891	. 20	135
8075	. 50	121	8224	. 25	127	8513	. 25	133		8995	. 25	141
8076	. 25	121	8227	. 25	127	8515	. 50	133		8996	. 50	141
8077	. 25	121	8228	. 25	127	8517	. 50	133		9007	. 10	141
8084	. 25	121	8229	. 25	129	8519	. 50	133		9008	. 25	141
8094	. 50	121	8235	. 25	129	8520	. 50	133		9050	. 50	139
8100	. 50	$\left\{\begin{array}{c} 119\\121\end{array}\right.$	8237	. 10	129	8523	. 50	133		9102	. 50	91
8105	. 50	123	8241	. 50	127	8524	. 25	133		9103	. 50	145
8124	. 25	123	8242	. 25	127	8527	. 50	133		9104	. 30	145
8150	. 50	$\left\{\begin{array}{c} 119\\123\end{array}\right.$	8243	. 25	125	8538	. 25	133		9196	. 25	143
8151	. 50	123	8244	. 50	129	8550	. 50	133		9302	. 50	91
8153	. 30	123	8246	. 50	127	8553	. 50	133		9370	. 50	145
8154	. 25	123	8247	. 50	125	8554	. 50	133		9372	. 25	145
8155	. 30	123	8250	. 50	$\left\{ \begin{array}{c} 119 \\ 127 \end{array} \right.$	8555	. 50	135		9373	. 25	145
8157	. 50	123	8262	. 25	129	8557	. 50	133		9375	. 50	145
8160	. 50	123	8280	. 50	131	8570	. 50	135		9380	. 50	145
8162	. 50	123	8281	. 50	129	8588	. 25	133		9381	. 25	145
8168	. 15	123	8282	. 50	129	8589	. 50	133		9382	. 50	145
8170	. 50	123	8283	. 50	129	8665	. 50	133		9385	. 25	145
8174	. 15	123	8285	. 25	129	8703	. 50	135		9400	. 40	91
						 			,			

ALPHABETICAL INDEX OF CHARTS.

Λ.	Chart.	Page.
Abagadasset Point to Courthouse Point	288	27
Absecon Inlet	1217	41
Absecon Inlet to Barnegat Inlet	122	41
Acherk Harbor, Sannak Island	8841	137
Adak 1sland	9196	143
Admiralty InletWashington	6450	117
Admiralty 1sland	8218	127
Afognak to Shelikof Strait	8555	135
Agaña BayGuam.	4202	147
Agattu Island	8851	139
Agusan River entrance	4647	187
Akutan Pass Alaska	8860	145
Alabat IslandPhilippine Islands	4268	163
Alabat, Port	4268	163
Alaska, Arctic Coast of	9400	91
·	8881	135
Alaska Peninsula, Islands and Harbors	8891	135
	8851	139
Alaska Peninsula to Seguam Pass	8802	91
Alaska Sailing Charts:	000_	0 =
Alaska Peninsula to Seguam Pass.	8802	91
Aleutian Islands—Amukta Island to Attu Island.	9102	91
Bering Sea.	9302	91
Cape St. Elias to Shumagin Islands.	8502	91
Dixon Entrance to Cape Flattery.	7002	91
Dixon Entrance to Cape St. Elias.	8002	91
Albay Gulf and part of Lagonoy Gulf	4221	165
Albay Gulf, western part. Philippine Islands.	4237	165
Albemarle and Chesapeake CanalVirginia.	1227	47
Albemarle Sound North Carolina	1228	49
	8802	91
Aleutian Islands	9102	91
Altamaha Sound	446	57
Amchitka Island Alaska	8851	139
Amelia Island to Sapelo Island	157	57
Amlia Island	9196	143
Anacapa Island	5126	93
Anacortes Harbor	6377	117
Anajao	4269	167
Anchorage and Mud Bays. Alaska	8822	137
Anchorages and harbors, Aleutian Islands	9196	143
Anchorages in Iligan Bay and vicinity	4639	185
Anchorages in southeastern Mindoro and Tablas 1sland	4339	159
Anchorages west and south of Mindoro	4337	159
Anclote Anchorage. Florida.	178	71
Angeles, Port. Washington.	6303	117
Ann, Cape, to Block 1sland.	1107	21
Annapolis Harbor Maryland	385	45
Annette Island	8074	121
	181	71
Apalachee BayFlorida{	182	73
Apalachicola Bay to Cape San Blas	183	73
Aparri Anchorage	4260	153
The state of the s		

	Chart.	Pogo
Apat, Port. Philippine Islands.	4265	157
Apoon Mouth of Yukon River. Alaska.	9372	145
Appomattox River. Virginia.	531	47
Approaches to New York. New York and New Jersey.		
Total New Fersey.	1108	21
Approaches to Panama Canal.	952	00
Approaches to Fahama Cahar	953	89
Aronous Poys	954	-
Aransas Bay	209	83
Aransas Pass	209	83
Aransas Pass to Latitude 27° 12′. Texas.	210	85
Arctic Coast of Alaska.	9400	91
Arena, Point, to Trinidad Head	5602	105
Arena, Point, to San Francisco	5502	103
Argao	4465	17.5
Astoria, upper, to Columbia River entrance	6140	113
Atchafalaya Bay to Galveston	20	21
Atchafalaya Bay to Mobile Bay	19	21
Atka Island	9196	143
Atlantic Coast General Charts:	0200	110
Atchafalaya Bay to Galveston.	20	21
Cape Ann to Block Island.	1107	
Cape Canaveral to Fowey Rocks.		21
Cape Hatteras to Cape Romain	14	21
Cape Pamein to St Moure ontoneo	11	21
Cape Romain to St. Marys entrance.	12	21
Cape St. George to Mississippi River.	1115	21
Chesapeake Bay.	78	21
Delaware and Chesapeake Bays.	376	21
Delaware Bay to Cape Hatteras.	1109	21
Fernandina to Cape Canaveral.	13	21
Florida, Straits of	15	21
Galveston to Rio Grande.	21	21
Gay Head to Cape Henlopen	1108	21
Key West to Tampa Bay.	16	21
Mobile Bay to Atchafalaya Bay.	19	21
Montauk Point to New York	52	21
Nantucket Shoals to Montauk Point.	51	21
Quoddy Head to Cape Cod	6	21
Tampa Bay to Cape San Blas.	17	21
Atlantic Coast Sailing Charts:		
Cape Sable to Cape Hatteras	1000	19
Chesapeake Bay to Straits of Florida.	1001	19
Gulf of Mexico.	1007	19
Straits of Florida.	1007	19
Attu Island	9196	143
Attu Island to Amukta Island		
Au Fer, Point, to Marsh Island. Louisiana.	9102	91
Augusta to Courthouse Point	199	79
Augusta to Commode Forth	289	27
В.		
Babuyan Islands	4970	757
Bacuit, Port. Philippine Islands.	4270	151
	4346	169
Bagamanoc Philippine Islands.	4269	167
Bais, Port. Philippine Islands.	4466	175
Balabac Island, harbors of	4347	179
Balabac Strait	4309	179
Balabac Strait and approaches	4720	149
Balamban Bay Philippine Islands.	4465	175
Balayan Anchorage	4257	159
Balayan BayPhilippine Islands	4257	159

	Chart.	Page.
Baler BayPhilippine Islands	4265	157
Balanacan, Port	4453	161
Balboa Bay	8851	139
Baltimore HarborMaryland	549	45
Banga, Port	4653	191
Barataria Bay and approaches Louisiana	196	77
Barataria Bay to Terrebonne BayLouisiana	197	79
Bar HarborMaine	318	25
Barili Bay	4465	175
Barlow Cove Anchorage. Alaska.	8302	131
Barnegat Inlet to Sandy Hook	121	41
Barnstable Harbor Massachusetts.	339	29
Barrera, Port	4455	163
Basaid Bay	4224	157
Basiauang Bay	4653	191
Basilan Island	4511	183
Basilan Strait	4511	183
Batan Islands, Harbors of	4270	151
Batangas Anchorage	4257	159
Bath to Boothbay Harbor	315a	27
Bay of Islands. Alaska	9196	143
Bay of Pillars. Alaska.	8241	127
Bay of Waterfalls Alaska.	9196	143
Bays and Anchorages, south coast of Alaska.	8822	137
Bays and Harbors in southeastern Alaska.	8262	129
Beaufort Harbor	420	51
Beaufort River	438	57
Beaufort to Ocracoke Inlet	146	51
	8124	123
Behm Canal Alaska.		123
Behm Canal, northern part	8105	
Belfast Bay	311	25
Belfast Harbor	319	25
Belleville Bridge to Newark Bay	565	39
Bellingham BayWashington	6378	117
Bering Sea.	8851	139
Bering Sea, eastern part.	9302	91
Bering Sea to San Diego.	U	91
Bicobian, Port	4265	157
Big Marco Pass to San Carlos Bay	174	67
Big Marco Pass to Seminole Point	173	65
Biliran Strait	4456	167
Bitaugan Bay	4628	187
Blackstone Rocks to Guilford	260	33
Blackstone Rocks to South End	261	33
Blackwells Island to Lawrence Point. New York.	369^{5}	39
Blackwells Island to West Sixty-seventh Street. New York.	369^{4}	39
Blanco, Cape, and Reef	5952	109
Block Island Rhode Island	356	31
Block Island to Cape Ann	1107	21
Block Island to Cuttyhunk	113	29
Block Island Sound	1211	37
(103	25
Blue Hill BayMaine	307	25
·	308	25
Boca Engaño, Port	4454	161
Boca Grande Key to Newfound Harbor Key	169	65
Bodega BayCalifornia.	5627	103
Bodega Head to Point Pinos	5500	101
Bogo Bay. Philippine Islands.	4465	175
Bogue Inlet to Core Sound	147	51
Bogue Inlet to Old Topsail Inlet	148	53
North Carolina.	110	00

1.

		Chart.	Page.
Bohol, eastern, and part of Leyte.	Philippine Islands	4425	177
Bohol Island	Philippine Islands	4718	149
		4719	149
Bohol, western		4429	173
Bolay, Port.	Philippine Islands.	4653	191
Bolinao Harbor and approaches.	Philippine Islands.	4238	155
Bombay Hook to Wilmington.		294	41
Bongao, Port.	Philippine Islands	4514	181
Boothbay Harbor to Bath		315a	27
Boqueron Bay.		932	87
Borgne, Lakes, and Pontchartrain		191	77
Borongan, Port		4422	165
Boston Bay and approaches.	,	109	29
Boston Harbor	Massachusetts	246	29
Boston Inner Harbor		337	29
Bradford Coaling Station.		248	29
Branford Harbor.		262	31
Brazos River entrance.		$\frac{261}{525}$	33
Breton Island Sound.		$\frac{325}{192}$	81 77
Bridgeport, East, to Fairfield.	Connecticut	$\frac{192}{265}$	35
Bridgeport to Milford		264	35
Bristol Harbor		354a	31
Broad River to Coosaw River.		437	57
Brunswick Harbor.		447	57
Bucas Island, harbors in.		4638	177
Buchon, Point, to Santa Rosa Island.		5300	97
Bull River.		435	55
Burias, harbors in.		4454	161
Busainga, Port.		4454	161
Busin, Port.		4454	161
	(112	29
Buzzards Bay	Massachusetts	249	31
Buzzards Bay, head of	Massachusetts	251	31
• /			
C,			
Cabugao Bay	Philippine Islands	4269	167
Cagayan Anchorage.	Philippine Islands	4639	185
Cagayan River.	Philippine Islands	4260	153
		4262	153
Cagayan Sulu Island		4348	179
Cagayanes and Cuyos Islands.		4717	149
Caillou Bay and Ship Shoal.	Louisiana	198	79
Calagcalog Bay		4466	175
Calagua Islands to Basaid Bay		4224	157
Calais to Little River		101	23
Calanaga Bay		4259	165
Calandorang Bay		4347	179
Calapan, Port.		4257	159
Calbayog to Tacloban.		4420	165
Calcasieu Pass.		518	79
Calcasieu Pass to Sabine Light.		202	79
Calibrate Carrie		4645	183
Calibo to Capiz.		4459	173
Calcage Bay		$4265 \\ 473$	157 69
Caloosahatchee River		321	25
Canahauan Island.		4420	$\frac{25}{165}$
Canalasan Cove.		4653	191
Cananayor Anchorage.		4639	185
Оананауы Ансныаде	mitppine islands	4009	100

	Chart.	Page.
Canaveral, Cape	161	61
Canaveral, Cape, to Fowey Rocks.	14	21
Canaveral, Cape, to Latitude 27° 41′ N	162	61
Canaveral, Cape, to St. Marys entrance	13	21
Canimo Pass	4268	163
Canoan, Port	4466	175
Cape Cod Bay	1208	29
Cape Elizabeth to Monhegan Island	1204	27
Cape Elizabeth to Portsmouth	1205	27
Cape Etolin Anchorage	9196	143
Cape Flattery to Dixon Entrance.	7002	91
Cape Hatters to Charleston Light	1110	21
Cape Hatteras: Wimble Shoal to Ocracoke Inlet	1232	49
Cape Henry to Currituck Light	1227	47
Cape Lookout Bight	147	51
Cape May to Cape Hatteras.	1109	21
Cape May to Fenwick Island Light	1219	43
Cape Neddick Harbor to York River	228	27
Cape St. Elias to Dixon Entrance	8002	91
Cape St. George to Mississippi Passes.	1115	21
Capiz to Calibo	4459	173
Carca Bay	4465	175
Carmen, Port	4465	175
Carysfort Reef to Key Biscayne	166	63
Casco Bay	315	27
Casiguran Bay	4265	157
Caspar Anchorage and approaches	5705	105
Cataingan, Port	4455	163
Catalina Harbor	5128	93
Catanduanes Philippine Islands	4269	167
Catarman Bay. Philippine Islands.	4604	185
Catarman to Oras Bay. Philippine Islands.	4421	165
Catbalogan Harbor	4420	165
Cateel Bay to Jobo Point	4627	187
Cauit Bay Philippine Islands.	4651	187
Cavallo, Pass. Texas.	209	83
Cavite Harbor. Philippine Islands.	4236	155
Cebu, east coast of Philippine Islands.	4427	175
Cebu Harbor and approaches. Philippine Islands.	4447	173
Cebu, harbors in	4465	175
Cebu Island (with Panay and Negros)	4718	149
Cedar Keys	480	71
Cedar Keys to Deadmans Bay. Florida.	180	71
Cedar Keys to Wall Creek. Florida.	179	71
Chacon, Cape. Alaska	8074	121
Chaik Bay Alaska.	8246	$\frac{121}{127}$
Chandeleur and Breton Island Sounds. Louisiana.		
	192	77
Chapin Bay. Alaska. Chapter and visinity South Carolina	8242	127
Charleston and vicinity	445	55
Charleston Light to Cape Canaveral. South Carolina.	1111	21
Charleston Harbor	431	55
Charleston Light to Cape Hatteras	1110	21
Charlotte Harbor	175	69
Charlotte Harbor, main entrance to	474	69
Chasina Anchorage. Alaska.	8074	121
Chatham, Port	8588	133
Chatham StraitAlaska	8250	J119
		127
Chatham Strait, harbors in	8242	127
Chatham Strait to Dixon Entrance	8150	§119
14180°—16——14		123

	Chart.	Page.
Chatham Strait to Hooniah Sound Alaska Chernofski Harbor Alaska	8283 9196	129 143
Chesapeake and Albemarle Canal	1227	47
	77	21
	78	21
•	1222	43
Chesapeake Bay	1223	43
	1224	43
	1225	45
Chesapeake and Delaware Bays	$\frac{1226}{376}$	$\frac{45}{21}$
Chesapeake Bay entrance	1222	43
Chesapeake Bay to Straits of Florida.	1001	19
Chester, Port	8074	121
Chester River	548	45
Chetko CeveOregon	5909	109
Chiachi Islands Alaska Alaska	8881	135
Chichagof Harbor	9196	143
Chickahominy River	530	47
Chignik Bay	8891 1220	135 43
Chincoteague Inlet to Hog Island Light	1220 1221	43
	8881	135
Chirikof Island	9196	143
Choctawhatchee Bay	185	75
Choctawhatchee Inlet to Pensacola entrance	186	75
Cholmondeley Sound	8074	121
Ciego, Port	4347	179
Clarence, Port	9302	91
	9385 8074	$\frac{145}{121}$
	0074	(119
Clarence Strait	8100	121
	8124	123
Clarence Strait, harbors in	8076	121
Clarendon Bay	4347	179
Cleveland Passage	8216	127
Clinton Harbor and approaches	258	33
Coal Harbor, Unga Island	$8891 \\ 4269$	$\frac{135}{167}$
Cobo BayPhilippine Islands	101	23
Cobscook BayMaine	301	23
Cod, Cape, Bay	1208	29
Cod, Cape, to Quoddy Head	6	21
Cohasset Harbor	~ 242	29
Colon HarborPanama	950	89
	$6151 \\ 6152$	113 113
Columbia River	6152	113
Columbia 101761	6154	113
	6146	113
Comas Island to Port Sual	4239	155
Combahee River	435	55
Commencement Bay	6451	117
Concepcion, Port. Philippine Islands.	$\frac{4453}{5200}$	161 95
Conception, Point, to Santa Monica	5200	95 95
Conception, Point, to Point Sur	5302	99
	253	33
Connecticut River.	254	33
	255	33
	256	33

	Chart.	Page.
Connecticut River entrance to Deep River	253	33
Constantine Harbor. Alaska.	9196	143
Controller Bay Alaska.	8513	133
Convenient Cove. Alaska.	8105	123
Cook Inlet, northern part	8553	133
Cook Inlet, southern part	8554	133
Coos BayOregon	5984	109
Coosaw River to Broad River	437	57
Copano Bay	209	83
Coquille River entranceOregon	5971	109
-		(119
Cordova Bay	8100	121
1	146	51
Core Sound	421	51
Core Sound to Bogue Inlet	147	51
Cornfield Point to Duck Island	257	33
Coron, Port	4345	159
Corpus Christi Bay to Latitude 27° 12′	210	85
Cotabato entrance	4654	189
Courthouse Point to Abagadasset Point	288	27
Courthouse Point to Augusta	289	27
Cove Point to Smiths Point	1224	43
Cove Point to Sandy Point	1225	45
Coxsackie to Troy	284	37
Crescent City	5895	107
Cross Island to Nash Island	304	23
Cross Sound	8304	131
Culasian Bay	4346	169
Culebra Island and approaches	914	87
Culion Island to San Antonio Bay	4716	149
Culion, Port. Philippine Islands.	4345	159
Currimao, Port, and Gan Bay	4207	153
Currituck Beach Light to Cape HenryVirginia.	1227	47
Currituck Beach Light to New Inlet	1229	49
Customhouse Cove. Alaska.	8068	121
Cuttyhunk Harbor	297	31
Cuttyhunk to Block Island	113	29
Cuylers Harbor	5126	93
Cuyo Anchorage	4345	159
Cuyos and Cagayanes Islands	4717	149
Cypress Point to Pfeiffer Point. California.	5476	99
Cypicss Folia to Frence Folia.	9410	33
D.		
Dagupan	4209	155
Delawan Bay	4347	179
Dalrymple Harbor	4541	183
Damariscotta River	313	27
Dapa Channel	4638	177
Dapitan and Dipolog	4639	185
Daram Island	4420	165
Darigayos Inlet	4208	153
Dasol Bay to Capones Island	4210	155
Davao Anchorage	4624	191
	4623	191
Davao Gulf	4624	191
Deadmans Bay to Cedar Keys	180	71
Deep River to Connecticut River entrance	253	33
Deep River to Higganum	254	33
Deer Island to Dolgoi Island	8703	135
Delarof Harbor	8851	139

	Chart.	Page.
Delaware and Chesapeake Bays.	376	21
Delaware Bay. New Jersey and Delaware. Delaware Bay to Cape Hatteras.	1218 1109	$\frac{41}{21}$
Delaware Breakwater Delaware	379	41
(294	41
Delaware River	295	41
Delawate tuvel	296	41
	380	41
Dewey Anchorage Alaska Dilegge Pay, West	8124 4265	123
Dilasac Bay, West. Philippine Islands Dimalansan, Port Philippine Islands	4265	$157 \\ 157$
Dinagat	4638	177
Dinagat Island	4424	177
Dirique Inlet	4270	151
Discovery, Port	6403	· 117
Dixon Entrance and Clarence Strait, harbor charts. Alaska.	8074	121
Dixon Entrance to Cape Flattery	7002 8002	91 91
		(119
Dixon Entrance to Chatham Strait	8150	123
Dixon Harbor	8305	131
Doby and Altamaha Sounds	446	57
Dolgoi Harbor	8851	139
Dolgoi Island Alaska Alaska	8851	139
Dolgoi Island to Deer Island Alaska Dolomi Anchorage Alaska	8703 8076	$\frac{135}{121}$
Dora Harbor, Ikatan Peninsula. Alaska.	8841	137
Dos Amigos, Port	4514	181
Drakes Bay	5599	101
Drier Bay	8524	133
Duck Island to Cornfield Point	257	33
Dumaguete, Port	4466	175
Dumanjug Bay	$\frac{4465}{4606}$	$\frac{175}{189}$
	9007	141
Dutch HarborAlaska	9008	141
Duxbury Harbor. Massachusetts.	338	29
E.		
Eagle Harbor, Nagai Island	8881	135
East Anchor Cove, Ikatan Peninsula. Alaska.	8841	137
East River New York.	369^{4}	39
	369^{5}	39
Eastport to Moose Cove	301	23
Edgartown Harbor. Massachusetts. Edisto, North, River. South Carolina.	$\frac{346}{434}$	31 55
Eel River, entrance to	5819	107
Eggemoggin Reach	308	25
Elbow Key to Matecumbe Key	167	63
Eliza Harbor Alaska.	8216	127
Elizabeth River, Southern Branch of	451	47
English Bay Alaska Englishman Bay to Moose Cove Maine	$9196 \\ 303$	$\frac{143}{23}$
Enginshman Bay to Moose Cove. Manne Ensenada Honda Porto Rica.	922	23 87
Entrance to Chesapeake Bay	1222	43
Escalante Harbor	4463	173
Etolin, Cape, Anchorage	9196	143
Etolin Island Alaska Washington	8124	123
Everett HarborWashington	6448	117

F.		Chart.	Page.
Fairfield to East Bridgeport	Connecticut	265	35
Fairfield to Georges Rock	Connecticut	266	35
Fajardo Harbor and approaches		921	87
Falmouth Harbor, Nagai Island		8881	135
Fanshaw Bay		8216	127
Farragut Bay		8210	127
Fear, Cape	North Carolina	150	53
Fear, Cape, River		424 425	53 53
Fear, Cape, River entrance to Reeves Point.	North Carolina.	424	53
Fear, Cape, to Old Topsail Inlet.		150	53
Fenwick Island Light to Chincoteague Inlet.		1220	43
Fernandina entrance		453	59
Fernandina to Jacksonville.		577	59
Fidalgo Bay		8519	133
Fifty-third Street, New York, to Fort Washington.		369^{8}	39
Fire Island Light to Sea Girt Light		1215	37
Fire Island Light to Shinnecock Light. Firmin Point to Point Conception.		1214 5202	37
Fishers Island Sound.		358	95 33
Flattery, Cape.		6265	115
Flattery, Cape, to Dixon Entrance		7002	91
Flattery, Cape, to San Francisco		5052	91
Florida Bay	Florida	15	21
Florida, Straits of		15	21
		1002	19
Florida, Straits of, to Chesapeake Bay		1001	19
Fort Ross Cove		5651	103
Fowey Rocks to Cape Canaveral.		14	21
Fowey Rocks to Hillsboro Inlet.		165	63
Fox Islands Thoroughfare		$311a \\ 8304$	$\frac{25}{131}$
			(119
Frederick Sound and Sumner Strait	Alaska	8200	127
Fredericksburg to Marsh Point	Virginia	536	45
Frenchmans Bay	Maine	$\frac{103}{306}$	$\frac{25}{25}$
Fritz Cove.	Alaska	8302	131
Fuca, Strait of Juan de		6300	117
Funter Bay	Alaska	8302	131
Gaas Bay and Inlet	Dhilinging Taland	4000	7 2000
Gabo, Port.		$\frac{4638}{4638}$	177
Galera, Port.		4344	$\frac{177}{159}$
Galveston Bay.		204	81
Galveston entrance.		520	81
Galveston to Atchafalaya Bay		20	21
Galveston to the Rio Grande		21	21
Gambier Bay	Alaska	8224	127
Gamble, Port		6412	117
Gan Bay		4207	153
Gardiners Bay		298	35
Gastineau Channel	Alaska	8235	129
Gay Head to Cape Henlopen		1108	21
Georges Bank to Nantucket Shoals. Georges Rock to Fairfield.		1107	21
Georges Rock to Sheffield Island	Connections	$\frac{266}{267}$	35 35
Georgetown to Mattawoman Creek.		560	35 45
Georgia Strait		6300	117

	Chart	Dogo
Glacier Bay. Alaska.	Chart. 8306	131
Golofnin Bay	9382	145
Graham, Port	8589	133
Grand Prairie to Mississippi River Passes. Louisiana.	194	77
Grand Prairie to New OrleansLouisiana	195	77
Grantley Harbor Alaska.	9385	145
Grays Harbor	6195	113
Grays Harbor to Cape Lookout	6100	113
Grays Harbor to Semiamoo Bay	6400	119
Great Harbor, Culebra Island	913	87
Great Wicomico River	534	45
Greenwich Bay	351	31
Greenwood to Fort Bragg	5703	105
Grims Island to Harrington Point. Oregon and Washington.	6152	·113
Grims Island to St. Helens. Oregon and Washington.	6153	113
Guam Island	4202	147
Guanica Harbor	929	87
Guayanilla Harbor	928	87
Gubat, Port	4258	165
Guilford to Blackstone Rocks	260	33
Guilford to Madison	259	33
Guimaras Strait	4416	173
Guiuan and Pambujan Harbors	4467	177
Gut Bay	8242	127
1		
н.		
Hagnaya BayPhilippine Islands	4405	300
	4465	175
Half Moon Bay. California. Halifax River to Mosquito Lagoon. Florida.	5520	101
Halifax River to Mosquito Lagoon. Florida. Halifax River to St. Augustine Inlet. Florida.	$\frac{160}{159}$	59 59
Halsey Harbor. Philippine Islands.	4342	159
Hampton Roads to Norfolk	400	47
Hanapepe Bay, Kauai Hawaiian Islands	4108	147
Harbors in Cebu. Philippine Islands.	4465	175
Harbors in Dinagat, Siargao, and Bucas Islands	4638	177
Harbors in Illana Bay. Philippine Islands.	4652	189
Harbors in Negros and vicinity. Philippine Islands.	4466	175
Harlem River	274	39
Hartford to Rocky Hill	256	33
Hassler Harbor	8094	121
Hatteras, Cape, to Cape May.	1109	21
Hatteras, Cape, to Charleston Light.	1110	21
Hatteras, Cape, to Cape Sable	1000	19
Haverstraw to Newburgh	282	37
Haverstraw to New York New York and New Jersey.	281	37
Hawaii Hawaiian Islands.	4115	147
Hawaiian Islands.	4102	147
Hawaii to Oahu	4116	147
Hell Gate and East River. New York.	369^{5}	39
Helm Harbor and Ramon Bay	4421	165
Hempstead HarborNew York	366	35
Henlopen, Cape. Delaware.	379	41
Henlopen, Cape, to Gay Head.	1108	21
Henlopen, Cape, to Gay Head. Henry, Cape, to Cape Hatteras.	1108 1109	21
Henlopen, Cape, to Gay Head. Henry, Cape, to Cape Hatteras. Henry, Cape, to Cape May.	1108 1109 1109	21 21
Henlopen, Cape, to Gay Head. Henry, Cape, to Cape Hatteras. Henry, Cape, to Cape May. Henry, Cape, to Currituck Light. Virginia.	1108 1109 1109 1227	21 21 47
Henlopen, Cape, to Gay Head. Henry, Cape, to Cape Hatteras. Henry, Cape, to Cape May. Henry, Cape, to Currituck Light. Henry, Cape, to Hog Island Light. Virginia.	1108 1109 1109 1227 1222	21 21 47 43
Henlopen, Cape, to Gay Head. Henry, Cape, to Cape Hatteras. Henry, Cape, to Cape May. Henry, Cape, to Currituck Light. Virginia.	1108 1109 1109 1227	21 21 47

Herring Bay	Chart. 8242	Page. 127
Hetta Inlet Alaska.	8100	[119
Hibernia to Jacksonville	455b	[121 59
Hibernia to Racy Point. Florida.	455c	59
Higganum to Deep River	254	33
Higganum to Rocky Hill	255	33
High Island to Sabine Pass	203	81
Highfield Anchorage Alaska	8154	123
Hillsboro Inlet to Fowey Rocks	165	63
Hillsboro Inlet to Jupiter Inlet	164	63
Hilo Bay, Hawaii Hawaiian Islands.	4103	147
Himamaylan	4466	175
Himugaan River	4466	175
Hinatuan Passage	4629	177
Hobart BayAlaska	8218	127
Hog Island Light to Cape HenryVirginia	1221	43
Hog Island Light to Chincoteague Inlet	1221	43
Hog Island to Wall Creek. Florida.	178	71
Hoggatt BayAlaska	8242	127
Hollis Anchorage	8077	121
Hondagua Harbor	4273	163
Honolulu Harbor, Oahu	4109	147
Hood BayAlaska	8247	125
Hood Canal	6412	117
Hook Bay	4265	157
Hooniah Sound to Chatham Strait	8283	129
Hooniah Sound to Salisbury Sound	8282	129
Houston Ship Channel	532	81
Hudson and East Rivers	369^{4}	39
Hudson to Danskammer Point	282 283	37 37
Hudson to Newburgh	281	37 37
	282	37
	283	37
Hudson River	284	37
	369^{4}	39
	369^{8}	39
Humboldt Bay. California.	5832	107
Humboldt Harbor, Shumagin Islands	8891	135
Humbug Mountain to Cape SebastianOregon.	5951	109
Hunter Cove. Oregon.	5923	109
Hunting Island to Isle of Palms	154	55
Hunting Island to Ossabaw Island	155	57
Huntington BayNew York	368	35
Hyannis Harbor	247	31
I.		
	4070	1 2 2
Iba Anchorage Philippine Islands. Philippine Islands. Philippine Islands	4210	155
Iba to Dasol Bay.Philippine Islands.Icy Strait and Cross Sound.Alaska	4210	155
Ikatan Peninsula. Alaska	8304 8841	$\frac{131}{137}$
Iliamma Bay Alaska	8665	133
Iligan Bay, anchorages in	4639	185
Iligan Bay and vicinity	4604	185
Ilin Strait	4340	159
Iliuliuk Bay	9007	141
Illana Bay	4606	189
Iloilo and Guimaras Straits	4416	173
Iloilo River	4448	173

•		
	Chart.	Page
Iloilo Strait and Harbor	4448	173
	_	
Inamucan Bay	4604	185
Inian Cove	8304	131
Ipswich Bay to Gloucester Harbor	243	29
Isabella Channel	4543	183
Isanotski Strait	8822	137
Islands and harbors off Alaska Peninsula	8881	135
Isthmus Cove. California.	5128	99
•		
J.		
Jacksonville to Fernandina. Florida.	577	59
Jacksonville to Hibernia Florida Florida	455b	59
Jamaica Bay	542	39
Jamelo Cove. Philippine Islands.	4257	159
James River, Newport News to Jamestown	529	47
James River, Jamestown to Jordan Point. Virginia.	530	47
James River, Jordan Point to Richmond	531	47
Janabatas Channel Philippine Islands Philippine Islands	4464	177
Jefferson, PortNew York	361 4	35
Jibatan Riyer Philippine Islands.	4456	167
JimenezPhilippine Islands	4639	185
Jimoto Bay	4269	167
Jobo Point to Tugas Point Philippine Islands Philippine Islands	4628	187
Jobos Harbor	909	87
Johnson, Port. Alaska.	8076	121
Jolo Anchorage	4541	183
Jolo Island, anchorages	4541	183
Jolo Island and vicinity	4542	183
Juan de Fuca, Strait of	6300	117
	164	63
Jupiter Inlet to Hillsboro Inlet. Florida.		
Jupiter Inlet to Latitude 27° 41′ N	163	61
K.		
Kahului Harbor, Maui Hawaiian Islands.	4105	147
Kalapadan Bay	4269	167
Karluk Anchorage	8822	137
	8124	123
Karta BayAlaska		
Kasaan Bay, head of Alaska.	8084	121
Kaunakakai Harbor, Molokai	4106	147
Kelp Bay. Alaska.	8243	125
Kelp, Takatz, and Warm Spring Bays	8243	125
Kenai Peninsula	8538	133
Kennebec entrance to Penobscot Bay	105	27
	314	27
Kennebec River Maine	288	27
	289	27
Key Biscayne to Carysfort Reef	166	63
Key West HarborFlorida.	584	65
Key West to Tampa Bay	16	21
Khaz Bay	8280	131
Kill van Kull	544	39
Killisnoo Harbor. Alaska.	8285	129
Kingston Harbor	338	29
Kirilof Bay Alaska Alaska	8851	139
Kiualan Cove. Philippine Islands.	4604	185
Klawak Inlet and approaches	8262	129
Knick Arm-Fire Island to Goose Bay. Alaska.	8557	135
Kodiak HarborAlaska	8570	135

		Chart.	Pogo
Koniuji Islands.	Alaska	8881	135
Kootznahoo Inlet.		8247	125
Korovin Bay		9196	143
Kukak Bay		8851	139
Kuliliak Bay		9196	- 143
Kupreanof Strait		8570	135
Kuŝkokwim Bay-Goodnews Bay		9103	145
Kuskokwim River-Eck Island to Bethel		9104	145
Kwikluak Mouth of Yukon River		9373	145
Lagara Cove	.Philippine Islands	4339	159
Lagonoy Gulf, part of		4221	165
Lagonoy Gulf to Sisiran Bay		4222	165
Laguan (Laoang) Bay		4449	165
Laguimanoc Bay		4267	161
Lake Bay		8162	123
Lambusan Bay		4465	175
Lamit and San Miguel Bays.		4223	163
Lamit and Sisiran Bays		4271	163
Lamit Bay to Lagonoy Gulf		4222	165
Lamon Bay and Polillo Island.		4226	157
Lampon, Port		4265	157
Langaran		4639	185
Laong to Vigan		4207	153
Laoang (Laguan) Bay		4449	165
Lapac and Siasi Islands		4544	181
Lapog Bay		4207	153
Lapunlapun Anchorage		4348	179
Larsen Bay		8822	137
Latitude 26° 33′ to Padre Island, Latitude 27° 12′	Texas	211	85
Latitude 26° 33′ to Rio Grande	Texas	212	85
Latitude 27° 12′ to Aransas Pass and Corpus Christi Bay. Latitude 27° 12′ to Latitude 26° 33′		$210 \\ 211$	85 85
		$\frac{211}{162}$	61
Latitude 27° 41′ N. to Cape Canaveral. Latitude 27° 41′ N. to Jupiter Inlet.		163	61
Latitude 30° N. to St. Marys Entrance		158	59
Latouche, Elrington, and Prince of Wales Passage.		8523	133
Lavaca Bay		208	83
Lavigan Anchorage		4653	191
Lawrence Point to Blackwells Island.		369^{5}	39
Lebak, Port		4653	191
Legaré Anchorage		465	63
Legaspi to Tabaco Bay		4237	165
Lemery		4257	159
Lemon Bay to San Carlos Bay		175	69
Lemon Bay to Tampa Bay		176	69
Leyte, harbors of	.Philippine Islands	4456	167
Leyte, part of, and eastern Bohol	.Philippine Islands	4425	177
Leyte, parts of		4420	165
Leyte, southeast coast and Dinagat Island	.Philippine Islands	4424	177
Leyte, southwest coast of		4426	177
Leyte, Surigao Strait and	.Philippine Islands	4719	149
Libas, Port		4422	165
Liloan Bay and Panoan Strait		4424	177
Limbug Cove		4652	189
Limestone Inlet		8229	129
Lingayen Gulf		4209	155
Little Captain Island to Rye Neck		$\frac{270}{269}$	35 35
Little Captain Island to Stamford Harbor Little Egg Harbor to Hereford Inlet.		$\frac{269}{1217}$	35 41
Little Egg Haroor to Hereford Thiet. Little Koniuji Island.		8851	139
Little River Inlet.		151	53
Little River to Calais.		101	23

The District Parts M	Chart.	Page.
Little River to Petit Manan Maine	102	23
Lituya Bay. Alaska Lituya Bay entrance. Alaska	8262	129
Llowert and vicinity Alaska.	8262	129
Llorente and vicinity. Philippine Islands. Long Bay, part of South Government.	4422	165
Long Bay, part ofSouth Carolina.	151	53
Long Island Sound	$\frac{52}{116}$	21 33
Long Island Sound—Eastern part	1212	33
Long Key to Newfound Harbor Key. Florida.	168	65
Looc Bay, Tablas Island. Philippine Islands.	4410	161
Loog Bay, Lubang Island	4345	159
Lookout, Cape	147	51
Lookout, Cape, to Cape Henry.	10	21
Lookout, Cape, to Grays Harbor	6100	113
Lookout, Cape, to Umpqua River	6000	111
Los Angeles Harbor	5145	93
Los Angeles Harbor and vicinity. California.	5143	93
Lower Cedar Point to Mattawoman Creek. Maryland and Virginia.	559	45
Lower Cedar Point to Piney Point	558	45
Lubang Islands, Golo Pass	4338	159
Lucena Anchorage	4267	161
Luzon and Masbate, channels between	4219	165
Luzon, harbors on east coast	4265	157
Luzon, Solvec Cove to San Fernando. Philippine Islands.	4208	153
Luzon, south coast, Unisan to Mulanay. Philippine Islands.	4272	163
Luzon, southeastern, and Mindero	4714 4715	149 149
Luzon, west coast, Laoag to Vigan. Philippine Islands.	4207	153
Lyman Anchorage	8076	121
		(119
Lynn Canal and Stephens Passage	8300	131
Lynn Canal, entrance to Point Sherman	8302	131
Lynn Canal, Point Sherman to head	8303	131
·		
M.		
Maalaea Bay, Maui	4104	147
Maasin, Port	4426	177
Maasin to Ormoc Bay	4426	177
Machias Bay	303	23
Mack Reef	5923	109
Madison to Guilford	$\frac{259}{1225}$	33 45
Mahukona Harbor	4101	$\frac{45}{147}$
Maibun Bay Philippine Islands.	4541	183
Malalag Bay	4649	191
Malampaya Sound	4349	169
Malampaya Sound to St. Paul Bay	4316	169
Malanut and Nakoda Bays	4346	169
Maligay Bay	4652	189
Malinao Inlet Philippine Islands.	4638	177
Malipano Anchorage	4624	191
Manambrag, Port	4269	167
Mandaon, Port	4455	163
Mangarin and Pandarochan Bay	4340	159
Manila and Cavite Harbors	4236	155
Manila Bay and coast of Luzon to Capones Islands	4255	155
Manila Bay to Taiwan	4705	149
Mare Island Strait	5525	101
Marianas Islands	4202	147

	Chart.	Page.
Maricaban, Port	4257	159
Marinduque Island, harbors of	4453	161
Mariveles	4255	155
Marsh Island to Point au Fer. Louisiana.	199	79
Mary Island Anchorage. Alaska.	8068	121
Masagasai Bay	4453	161
Masbate and Luzon, channels between	4219	165
Masbate Harbor	4455	163
Masbate, harbors on coast of	4455	163
Masbate Island (with southeastern Luzon)	4715	149
Masbate, parts of	4718	149
	4719	149
Masbate, southeast	4418	165
Masbate, western	4412	161
Masingloc Anchorage to Caldera Bay	4645	183
Masinloc and Matalvi, Ports	4266	155
Masonboro Inlet to Shallotte Inlet	150	53
Matagorda BayTexas	207	83
Matagorda Bay to San Luis Pass	1281	81
Matalvi, Ports Masinloc and	4266	155
Matarinao Bay to Oras Bay	4422	165
Matecumbe Key to Elbow Key	167	63
Matnog Bay	4258	165
Mattawoman Creek to Georgetown	560	45
Mattawoman Creek to Lower Cedar Point	559	45
Mauban Anchorage	4265	157
Maurepas, LakeLouisiana	193	77
May, Cape, to Cape Hatteras	1109	21
Mayo Bay to Cateel Bay	4626	187
Mayaguez Bay and approaches	931	87
McArthur, Port. Alaska.	8179	123
McDonald Bay	8851	139
McKenzie Inlet	8077	121
Medomak River	313	27
Mendocino Bay	5719	105
Mendocino, Cape, and vicinity	5795	105
Mendocino, Cape, to Point Arena	5700	105
Mercedes. Philippine Islands.	4268	163
Mermentau River to west end of Pecan IslandLouisiana	201	79
Mexico, Gulf of.	1007	19
Milford to Bridgeport	264	35
Milford to Oyster River Point. Connecticut.	263	35
Mindanao, harbors on south and west coasts of	$\frac{4651}{4653}$	187
Mindanao, harbors on south coast of	$\frac{4653}{4723}$	191
Mindanao, western		149
	4654	189
Mindanao River Delta. Philippine Islands. Mindanao River upper part	4654	189
Mindanao River, upper part. Philippine Islands. Philippine Islands.	4655	189
Mindoro, anchorages in Philippine Islands . Mindoro, and vicinity . Philippine Islands .	4339	159
Misamis, Port. Philippine Islands.	$\frac{4305}{4640}$	159
Mississippi Passes to Cape St. George	1115	185 21
($1113 \\ 194$	77
Mississippi RiverLouisiana	$\frac{194}{195}$	77
Mississippi Sound, east part of, and Mobile entrance	$\frac{195}{189}$	75
Mist Harbor	8851	139
Moalbuyal BayPhilippine Islands	$\frac{4465}{4465}$	175
Mobile Bay and entrance	188	75
Mobile Bay to Atchafalaya Bay	19	21
Mobile Bay to Pensacola Bay	187	75
Mobile entrance and east part of Mississippi Sound	189	75
r	100	10

1 1

	Chart.	Page.
Moira Sound, North Arm. Alaska.	8076	121
Mole Harbor. Alaska.	8228	127
Moller, Port, and Herendeen Bay	8833	137
Monhegan Island to Cape Elizabeth	1204	27
Monroe, Lake, to Lake Washington	458	59
Monroe, Lake, to Lake George	509	
Montroe, Lake, to Lake George. Florida. Montrolly Delivit + Northelest Cheels.		59
Montauk Point to Nantucket Shoals.	51	21
Montauk Point to New York.	52	21
Monterey Bay	5403	99
Moose Cove to Eastport. Maine.	301	23
Moose Cove to Englishman Bay	303	23
Mosquito Lagoon to Halifax River	160	59
	103	25
Mount Desert Island. Maine	306	25
	307	25
Mud Bay	8822	137
Mulanay to Unisan	4272	163
Mulas, Port, and approaches	916	87
Murcielagos Bay Philippine Islands	4641	185
• • •		
Murder Cove	8242	127
Murrell Inlet to Cape Romain	152	55
Musa Bay	4270	151
Muscle Ridge Channel Maine	312	27
Mushagate Bay and approachesAlaska.	9050	139
N.		
Nagai Island	8851	139
Naha BayAlaska	8124	123
Nakoda and Malanut Bays	4346	169
Nalvo Bay and San Esteban	4208	153
Nantucket Harbor	343	31
Nantucket Shoals to Montauk Point.	51	21
Nantucket Sound and eastern approaches	111	29
Nantucket Sound, eastern entrance	250	29
Narragansett Bay	113	29
	353	31
Narragansett Bay entrance	353^{2}	31
Nash Island to Cross Island	304	23
Nash Island to Schoodic Island	305	23
Nasipit Harbor	4647	187
Nasugbu and Port Jamelo	4257	159
Nazan Bay	9196	143
Negros, harbors in	4466	175
Negros Island (with Panay and Cebu)	4718	149
Negros, southwestern. Philippine Islands.	4432	173
Negros, western	4431	173
Nehalem RiverOregon.	6122	113
Nestucca BayOregon.	6088	111
Neuse River and upper part of Bay River	538	49
		39
		00
Newark Bay to Belleville Bridge	565	40
Newbern, Port of	$\begin{array}{c} 565 \\ 410 \end{array}$	49
Newbern, Port of	565 410 283	37
Newbern, Port of	565 410 283 331	37 27
Newbern, Port of	565 410 283 331 169	37 27 65
Newbern, Port of	565 410 283 331 169 168	37 27 65 65
Newbern, Port of North Carolina Newburgh to Haverstraw New York Newburyport Harbor Massachusetts Newfound Harbor Key to Boca Grande Key Florida Newfound Harbor Key to Long Key Florida Newport Harbor Red Long Key Rhode Island	565 410 283 331 169 168 353 ²	37 27 65
Newbern, Port of	565 410 283 331 169 168	37 27 65 65
Newbern, Port of North Carolina Newburgh to Haverstraw New York Newburyport Harbor Massachusetts Newfound Harbor Key to Boca Grande Key Florida Newfound Harbor Key to Long Key Florida Newport Harbor Red Long Key Rhode Island	565 410 283 331 169 168 353 ²	37 27 65 65 31
Newbern, Port of North Carolina Newburgh to Haverstraw New York Newburyport Harbor Massachusetts Newfound Harbor Key to Boca Grande Key Florida Newfound Harbor Key to Long Key Florida Newport Harbor Rhode Island Newport News Virginia	565 410 283 331 169 168 353 ² 529	37 27 65 65 31 47
Newbern, Port of North Carolina Newburgh to Haverstraw. New York Newburyport Harbor. Massachusetts Newfound Harbor Key to Boca Grande Key Florida Newfound Harbor Key to Long Key Florida Newport Harbor Rhode Island Newport News Virginia New Bedford Harbor Massachusetts North Carolina New York Massachusetts New Bedford Harbor Massachusetts	565 410 283 331 169 168 353 ² 529 252	37 27 65 65 31 47 31

			Page.
	New London Harbor	293	33
		359	33
	New London Naval Station	293	33
	New Orleans to Grand PrairieLouisiana	195	77
	New River Inlet	422	53
	New Rochelle to Rye Neck	271	35
	New Rochelle to Throgs Neck	272	39
	New York, approaches to	1108	21
	New York Bay and HarborNew York	1215	37
		369	39
	New York, Fifty-third Street to Fort Washington	369^{8}	39
	New York Harbor, Upper Bay and Narrows. New York and New Jersey.	541	39
	New York to Haverstraw. New York and New Jersey.	281	37
	New York to Montauk Point.	52	21
	New York to Stratford Shoals	116	33
	Nin Bay	4455	163
	Norfolk to Hampton Roads	400	47
	Northeast Harbor, Little Koniuji Island	8881	135
	Northeast Harbor, Sannak Island	8841	137
	Northern part of Tañon Strait	4428	173
	North Edisto River	434	55
	North Island to Isle of Palms	153	55
	North Landing River. Virginia.	406	49
	Northwestern Panay Philippine Islands	4414	161
	Northwest Harbor, San Clemente Island. California.	5126	93
	Northwest Harbor, Koniuji Islands	8881	135
		9380	
	Norton Sound	267	$\frac{145}{35}$
	Norwark River Connecticut. Nunivak Island Alaska		$\frac{33}{143}$
	Numvak Island Alaska. Nushagak Bay and approaches Alaska.	$9196 \\ 9050$	$\frac{145}{139}$
	. 0.		
	Ochu ta Hawaii	4116	147
	Oahu to Hawaii	4116	147
	Oahu to Hawaii Hawaiian Islands. Oahu to Niihau Hawaiian Islands.	4117	147
	Oahu to Hawaii Hawaiian Islands. Oahu to Niihau Hawaiian Islands. Old Topsail Inlet to Bogue Inlet North Carolina.	4117 148	147 53
	Oahu to Hawaii	4117 148 150	147 53 53
	Oahu to Hawaii Hawaiian Islands. Oahu to Niihau Hawaiian Islands. Old Topsail Inlet to Bogue Inlet North Carolina. Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina. Olympia Harbor Washington.	4117 148 150 6462	147 53 53 117
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashington	4117 148 150 6462 6460	147 53 53 117 117
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine Islands	4117 148 150 6462 6460 4421	147 53 53 117 117 165
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine Islands	4117 148 150 6462 6460 4421 4422	147 53 53 117 117 165 165
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashington	4117 148 150 6462 6460 4421 4422 6443	147 53 53 117 117 165 165 117
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashington	4117 148 150 6462 6460 4421 4422 6443 6444	147 53 53 117 117 165 165 117 117
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashingtonOregon Inlet to Cape HatterasNorth Carolina	4117 148 150 6462 6460 4421 4422 6443 6444 139	147 53 53 117 117 165 165 117 117 49
	Oahu to HawaiiHawaiian Islands.Oahu to Niihau.Hawaiian Islands.Old Topsail Inlet to Bogue Inlet.North Carolina.Old Topsail Inlet to Shallotte Inlet, including Cape Fear.North Carolina.Olympia Harbor.Washington.Olympia to Seattle.Washington.Oras Bay to Catarman.Philippine Islands.Oras Bay to Matarinao Bay.Philippine Islands.Orchard, Port, northern part.Washington.Orchard, Port, southern part.Washington.Oregon Inlet to Cape Hatteras.North Carolina.Ormoc Bay to Maasin.Philippine Islands.	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426	147 53 53 117 117 165 165 117 117 49
	Oahu to HawaiiHawaiian Islands.Oahu to Niihau.Hawaiian Islands.Old Topsail Inlet to Bogue Inlet.North Carolina.Old Topsail Inlet to Shallotte Inlet, including Cape Fear.North Carolina.Olympia Harbor.Washington.Olympia to Seattle.Washington.Oras Bay to Catarman.Philippine Islands.Oras Bay to Matarinao Bay.Philippine Islands.Orchard, Port, northern part.Washington.Orchard, Port, southern part.Washington.Oregon Inlet to Cape Hatteras.North Carolina.Ormoc Bay to Maasin.Philippine Islands.Oroquista.Philippine Islands.	1117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639	147 53 53 117 117 165 165 117 117 49 177 185
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashingtonOregon Inlet to Cape HatterasNorth CarolinaOrmoc Bay to MassinPhilippine IslandsOroquistaPhilippine IslandsOssabaw Island to Hunting IslandSouth Carolina and Georgia	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155	147 53 53 117 117 165 165 117 117 49 177 185 57
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashingtonOregon Inlet to Cape HatterasNorth CarolinaOrmoc Bay to MaasinPhilippine IslandsOroquistaPhilippine IslandsOssabaw Island to Hunting IslandSouth Carolina and GeorgiaOssabaw SoundGeorgia	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441	147 53 53 117 117 165 165 117 117 49 177 185 57
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashingtonOregon Inlet to Cape HatterasNorth CarolinaOroquistaPhilippine IslandsOssabaw Island to Hunting IslandSouth Carolina and GeorgiaOssabaw SoundGeorgiaOyster BayNew York	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367	147 53 53 117 117 165 165 117 117 49 177 185 57 57
	Oahu to HawaiiHawaiian IslandsOahu to NiihauHawaiian IslandsOld Topsail Inlet to Bogue InletNorth CarolinaOld Topsail Inlet to Shallotte Inlet, including Cape FearNorth CarolinaOlympia HarborWashingtonOlympia to SeattleWashingtonOras Bay to CatarmanPhilippine IslandsOras Bay to Matarinao BayPhilippine IslandsOrchard, Port, northern partWashingtonOrchard, Port, southern partWashingtonOregon Inlet to Cape HatterasNorth CarolinaOrmoc Bay to MaasinPhilippine IslandsOroquistaPhilippine IslandsOssabaw Island to Hunting IslandSouth Carolina and GeorgiaOssabaw SoundGeorgia	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441	147 53 53 117 117 165 165 117 117 49 177 185 57
•	Oahu to Hawaii Oahu to Niihau Ohu to Niihau Old Topsail Inlet to Bogue Inlet Old Topsail Inlet to Shallotte Inlet, including Cape Fear Olympia Harbor Olympia Harbor Olympia to Seattle Oras Bay to Catarman Oras Bay to Matarinao Bay Orchard, Port, northern part Orchard, Port, southern part Oregon Inlet to Cape Hatteras Oroquista Oroquista Oroquista Ossabaw Island to Hunting Island Ossabaw Sound Ossabaw Sound Oyster Bay Oyster River Point to Milford Pawaiian Islands North Carolina Hawaiian Islands North Carolina Washington Owashington Oras Bay to Matarinao Bay North Carolina Philippine Islands Ossabaw Island to Hunting Island Ossabaw Sound Ossabaw Sound Ossabaw Sound Oyster River Point to Milford P.	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367	147 53 53 117 117 165 165 117 117 49 177 185 57 57
•	Oahu to Hawaii Oahu to Niihau Oahu to Niihau Old Topsail Inlet to Bogue Inlet North Carolina Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina Olympia Harbor Washington Olympia to Seattle Washington Oras Bay to Catarman Philippine Islands Oras Bay to Matarinao Bay Philippine Islands Orchard, Port, northern part Washington Orchard, Port, southern part Washington Oregon Inlet to Cape Hatteras North Carolina Ormoc Bay to Maasin Ornoquista Orsabaw Island to Hunting Island Ossabaw Island to Hunting Island Ossabaw Sound Oyster Bay New York Oyster River Point to Milford P Pacific Coast Sailing Charts:	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35
•	Oahu to Hawaii Oahu to Niihau Oahu to Niihau Old Topsail Inlet to Bogue Inlet North Carolina Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina Olympia Harbor Olympia to Seattle Washington Oras Bay to Catarman Oras Bay to Matarinao Bay Orchard, Port, northern part Orchard, Port, southern part Washington Oregon Inlet to Cape Hatteras North Carolina Ormoc Bay to Massin Orabada Orabad	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35
•	Oahu to Hawaiii. Hawaiian Islands. Oahu to Niihau Hawaiian Islands. Old Topsail Inlet to Bogue Inlet North Carolina. Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina. Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina. Olympia Harbor Washington. Olympia to Seattle Washington. Oras Bay to Catarman Philippine Islands. Oras Bay to Matarinao Bay Philippine Islands. Orchard, Port, northern part. Washington. Orchard, Port, southern part. Washington. Oregon Inlet to Cape Hatteras North Carolina. Ormoc Bay to Maasin Philippine Islands. Oroquista North Carolina and Georgia. Ossabaw Island to Hunting Island South Carolina and Georgia. Ossabaw Sound Georgia New York Oyster River Point to Milford Connecticut. P. Pacific Coast Sailing Charts: Cape Flattery to Dixon Entrance. Grays Harbor to Semiamoo Bay	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35 35
•	Oahu to Hawaii	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35 35 91 119 91
•	Oahu to Hawaii Oahu to Niihau Oahu to Niihau Old Topsail Inlet to Bogue Inlet. Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina Olympia Harbor Olympia Harbor Oras Bay to Catarman Oras Bay to Matarinao Bay Orchard, Port, northern part Oregon Inlet to Cape Hatteras Ornoc Bay to Massin Orocopial Orocopia	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263 7002 6400 U 5002	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35 35 91 119 91 91
	Oahu to Hawaii Oahu to Niihau Oahu to Niihau Oahu to Niihau Old Topsail Inlet to Bogue Inlet Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina Olympia Harbor Out Seattle Oras Bay to Catarman Oras Bay to Matarinao Bay Orchard, Port, northern part Orgon Inlet to Cape Hatteras Orogon Inlet to Cape Hatteras Orogon Inlet to Cape Hatteras Oroguista Oroguista Orosabaw Island to Hunting Island Ossabaw Sound Ossabaw Sound Ossabaw Sound Oyster Bay Oyster Bay Oyster River Point to Milford Pacific Coast Sailing Charts: Cape Flattery to Dixon Entrance Grays Harbor to Semiamoo Bay San Diego to Point St. George San Diego to Point St. George San Francisco to Cape Flattery	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263 7002 6400 U 5002 5052	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35 35 91 119 91 91
	Oahu to Hawaii Oahu to Niihau Oahu to Niihau Old Topsail Inlet to Bogue Inlet. Old Topsail Inlet to Shallotte Inlet, including Cape Fear North Carolina Olympia Harbor Olympia Harbor Oras Bay to Catarman Oras Bay to Matarinao Bay Orchard, Port, northern part Oregon Inlet to Cape Hatteras Ornoc Bay to Massin Orocopial Orocopia	4117 148 150 6462 6460 4421 4422 6443 6444 139 4426 4639 155 441 367 263 7002 6400 U 5002	147 53 53 117 117 165 165 117 117 49 177 185 57 57 35 35 35 91 119 91 91

10.

	Chart.	Page.
Pagbilao Bay	4267	161
Palanog, Port. Philippine Islands.	4455	163
Palapag, Port	4449	165
Palatka to Lake George. Florida.	508	59
Palauig Bay	4266	155
Palawan Island	4716	149
Palawan Island, harbors of	4346	169
Palawan Island, northwest coast of	4316	169
Palawan Island, southern part of	4720	149
Palms, Isle of, to Hunting IslandSouth Carolina	154	55
Palms, Isle of, to North Island	153	55
Palompon, Port	4456	167
Paluan Bay	4345	159
Pamlico River. North Carolina .	537	49
Pamlico River to Ocracoke Inlet	1231	49
Pamlico Sound, western part	1231	49
Pamunkey to Mattaponi River	504	47
Panabutan Bay	4651	187
Panama Canal and approaches.	954	89
Panama Canal, approaches to9		89
Panaon Strait. Philippine Islands.	4424	177
Panay, Negros, and Cebu	4718	149
Panay, northeast coast of	4417	173
Panay, northwestern. Philippine Islands.	4414	161
Panay, southwestern Philippine Islands.	4415	171
Pandan Bay Philippine Islands Philippine Islands.	4269	167
·		
Parang Anchorage. * Philippine Islands.	4654	189
Parasan Harbor. Philippine Islands.	4456	167
Pasacao Anchorage	4454	161
Pasig River	4235	155
Pasquotank River North Carolina North Carolina North Carolina	407	49
Pasquotank River to Roanoke and Chowan Rivers	1228	49
Passaic River New Jersey.	565	39
Passamaquoddy Bay	300	23
Patuco, Port	4653	191
Patuxent River	539	45
Pearl Harbor, Oahu	4107	147
Pecan Island to Vermilion Bay. Louisiana.	200	79
Pecan Island, west end of, to Mermentau River. Louisiana.	201	79
Peconic BayNew York	299	35
Penobscot BayMaine.	104	25
Penobscot Bay, approaches to	225	25
Penobscot Bay, East	309	25
Penobscot Bay to Kennebec entrance	105	27
Penobscot Bay, West	310	25
Penobscot RiverMaine.	311	25
Pensacola Bay	490	75
Pensacola Bay entrance. Florida.	413	75
Pensacola Bay to Mobile Bay. Florida and Alabama.	187	75
Pensacola entrance to Choctawhatchee Inlet. Florida.	186	75
Peril Strait, Hooniah Sound to Chatham Strait. Alaska.	8283	129
Peril Strait, Salisbury Sound to Hooniah Sound	8282	129
Peril Strait, Sitka Sound to Salisbury Sound. Alaska.	8281	129
Peterson Bay, Sannak Island	8841	137
Petit Manan to Little River	102	23
Pfeiffer Point to Cypress Point	5476	99
Philadelphia to Trenton	296	41
Philadelphia to Wilmington	295	41
	380	41
Philadelphia water front	381	41
Philippine Islands	4200	149
**		

	Chart.	Page.
Philippine Islands, central part	4706	149
Philippine Islands, southeastern part	4708	149
Philippine Islands, southwestern part	4707	149
(5)
	7	
Dillering Library	11	100
Philippine Islands, topographical maps	14	193
	15	
	17	}
Pilar, Port. Philippine Islands.	4638	177
Pillars, Bay of Alaska.	8241	127
Piney Point to Lower Cedar Point	558	45
Piney Point to Potomac River entrance	557	45
Pinos, Point, to Bodega Head	5500	101
Pinos, Point, to Point Buchon	5400	99
Pitogo Bay	4268	163
Plum Island to Stratford Shoal	115	33
Plymouth Harbor	338	29
Pocomoke Sound to Potomac River	1224	43
Point Judith Harbor of Refuge. Rhode Island.	275	29
Point Sur to San Francisco	5402	101
Polillo Harbor	4265	157
Polillo Island and Lamon Bay	4226	157
Polloc anchorage Philippine Islands.	4654	189
Polloc Harbor Philippine Islands.	4654	189
Ponce Harbor and approaches	927	87
Pontchartrain, LakeLouisianaL	191	77
	193	77
Popof Strait, Shumagin Islands	8891	135
Port Baras	4652	189
Port Bombonon Philippine Islands.	4466	175
Port Canoan Philippine Islands.	4466	175
Port Carmen Philippine Islands.	4465	175
Port Conclusion	8262	129
Port Graham	8589	133
Port Sibulan	4652	189
Port Sambulauan	4652	189
Port Siyt	4466	175
Portage Bay	8210	127
	8051	121
Portland Canal	8100	∫119
		121
Portland Harbor	325	27
Portland to St. HelensOregon	6154	113
Porto Rico	920	87
Porto Rico, north coast of	903	87
Porto Rico, south coast of	902	87
Porto Rico, west coast of	901	87
Portsmouth Harbor	0329	27
Portsmouth to Dover and Exeter	229	27
Portsmouth to Cape Ann	1206	27
Portsmouth Island to Beaufort, including Lookout Bight, Cape Lookout ShoalsNorth Carolina	1233	51
	557	45
Potomac River	558	45
	559	45
Potemas Divor entrance to Piner Paint	560	45
Potomac River entrance to Piney Point. Maryland and Virginia. Potomac River to Pocomolo Sound	557	45
Potomac River to Pocomoke Sound	1224	45 141
Pribilof IslandsAlaska	8995 8996	141
	0990	141

Drives of Wales Island, harbons in	Chart.	_
Prince of Wales Island, harbors in	8077	121
Prince of Wales Passage	8523	133
Princesa, Puerto	4343	169
Prince William Sound	8550	133
Prince William Sound, eastern entrance. Alaska.	8520	133
Prince William Sound, western entrance. Alaska.	8515	133
Prince William Sound, western part	8517	133
Prisoners Harbor. California.	5126	93
Protection, Port. Alaska.	8174	123
Providence Harbor. Rhode Island.	352	31
Provincetown Harbor. Massachusetts.	341	29
Puget Sound Naval Station. Washington.	6444	117
Puget Sound to Seattle. Washington.	6450	117
Puget Sound, Seattle to Olympia. Washington	6460	119
Pusgo, Port	4454	161
Pybus Bay	8218	127
0		
Q.		
Quicks Hole	345	31
Quoddy Head to Cape Cod.	6	21
quotaly 12 and to cape continue	Ü	41
R. ·		
		~0
Racy Point to Hibernia Florida.	455c	59
Ragay Gulf, harbors of	4454	161
Ragay Gulf to Tabayas Bay	4218	163
Ramon Bay and Helm Harbor	4421	165
Randall Island to Throgs Neck	273	39
Rappahannock River, entrance to Tolls Point		45
Rappahannock River, Tolls Point to Marsh Point	535	45
Rappahannock River, Marsh Point to Fredericksburg	536	45
Rapurapu Strait	4259	165
Raritan River	375	39
Ratz Harbor	8124	123
Rebecca Shoal to Sand Key Light. Florida.	1252	67
Red Bay	8168	123
Red Bluff Bay	8242	127
Redfish Bay	8262	129
Reed Island to Vancouver	6146	- 113
Reeves Point to Cape Fear River entrance	424	53
Reeves Point to Wilmington	425	53
Refugio Pass. Philippine Islands.	4466	175
Resurrection Bay Alaska.	8538	133
Resurrection, Cape, to McArthur Pass. Alaska.	8527	133
(8075	121
Revillagigedo Channel	0100	[119
	8100	121
Richmonds Island Harbor	327	27
Richmond to Jordan Point	531	47
Rio Grande to Galveston	21	21
Rio Grande to Latitude 26° 33′	212	85
Roanoke River, mouth of	409	49
Roanoke River to Pasquotank River	1228	49
Robinsons Hole	345	31
Roche Harbor and approaches	6381	117
Rockaway Beach to Fire Island Beach New York.	1215	37
Rockaway Inlet New York.	542	39
Rockland Harbor	320	25
Rockport Harbor	321	25
Maine.	021	20
·		

	Chart.	Paga
Rocky Hill to Hartford		Page. 33
Rocky Hill to Higganum		33
Romain, Cape		55
Romain, Cape, to Murrell Inlet		55
Romanzof, Cape, to St. Michael		145
Romblon and Sibuyan Islands		161
Romblon, Harbor		161
Round Island to St. Josephs Island		77
Royal, Port, Sound	. 571	57
Royal, Port, Sound to St. Helena Sound	. 438	57
Rye Neck to Little Captain Island	270	35
Rye Neck to New RochelleNew York.	. 271	35
S.		
Sabine Light to Calcasieu Pass Louisiana.	. 202	79
Sabine Pass and LakeTexas		81
Sabine Pass to High Island		81
Sablayan Anchorage		159
Sable, Cape, to Cape Hatteras		19
Sable, Cape, to Seminole Point		65
Safety, Port. Alaska.		145
Saginaw and Security Bays		127
Saint Andrew Sound		57
Saint Andrews BayFlorida.		73
Saint Augustine Inlet to Halifax River		59
Saint Catherines Sound. Georgia.		57
Saint Croix River	. 300	23
Saint Elias, Cape, to Dixon Entrance. Alaska.	. 8002	91
Saint Elias, Cape, to Shumagin Island	8502	91
Saint George Island	. 8996	141
Saint George, Point, to Cape Mendocino	. 5800	107
Saint George, Point, to San Diego.		91
Saint George, Point, to Umpqua River	. 5900	109
Saint George Reef	. 5895	107
Saint George River		27
Saint George SoundFlorida.		73
Saint Helena Sound		55
Saint Helena Sound to Port Royal Sound		57
Saint Helens to Grimes Island		113
Saint Helens to Willamette River		113
Saint John HarborAlaska.		123
·	$\begin{cases} 455b \end{cases}$	59
	455c	59
Saint Johns River	455d	59 50
	458	59
	508	59
Saint Josephs BayFlorida.	t 509 . 184	59 73
Saint Josephs Island to Round Island. Mississippi and Louisiana.		75 77
Saint Marys entrance to Cape Romain		21
Saint Marys entrance to Cape Romann. Georgia and Florida.		59
Saint Matthew Island. Alaska.		139
Saint Michael Bay Alaska.		145
Saint Michael to Cape Romanzof		145
Saint Paul Bay to Malampaya Sound		169
Saint Paul Island Alaska Alaska		141
Saint Simon SoundGeorgia.		57
Salem Harbor and approaches		29
Salisbury Sound to Hooniah Sound		129
Salisbury Sound to Sitka Sound		129
14180°—16——15		

	Chart	Dogo
Salomaque Harbor	Chart. 4207	153
Salomague Harbor	4512	183
Samar and Leyte, harbors of	4456	167
Samar Island (with southeast Luzon and Masbate)	4715	149
Samar Island (with Surigao Strait and Leyte)	4719	149
Samar, part of	4420	165
Samar, southern part of	4423	177
San Antonio Bay	4346	169
San Antonio BayTexas	208	83
San Antonio Bay to Culion Island	4716	149
San Augustin, Cape, to Mayo Bay, Balete Bay. Philippine Islands.	4625	191
San Bernardino Strait. Philippine Islands.	4220	165
San Blas, Cape, to Apalachicola Bay. Florida.	183	73
San Blas, Cape, to Tampa Bay.	17	21
San Carlos Bay	473	69
San Carlos Bay to Big Marco Pass	174	67
San Carlos Bay to Lemon Bay. Florida.	175	69
San Christoval Channel Alaska.	8157	123
San Clemente Island, Northwest Harbor. California.	5126	93
San Clemente Island, Southeast Anchorage. California.	5126	93
San Diego Bay. California.	5106	93
San Diego to Bering Sea.	\mathbf{U}	91
San Diego to Point St. George.	5002	91
San Diego to Santa Monica	5100	93
San Esteban and Nalvo Bay	4208	153
San Fernando Harbor	4246	155
San Fernando to Solvec Cove	4208	153
San Francisco Bay. California.	5530	101
San Francisco Bay, southern part	5531	101
San Francisco entrance	5532	101
San Francisco to Cape Flattery	5052	91
San Francisco to Point Arena	5502	103
San Jacinto Harbor Philippine Islands.	4454	161
San Juan Harbor	908	87
San Juan Passage to Port Huanaca and western part of Vieques Island	917	87
San Juanico Strait	4464	177
San Luis D'Apra, Port	4202	147
San Luis Obispo Bay	5386	97
San Luis Pass to Matagorda Bay	1281	81
San Mateo to Tocoi	455d	59
San Miguel and Lamit BaysPhilippine Islands	4223	163
San Miguel Island	5126	93
San Miguel, Port	4454	161
San Pablo Bay. California.	5533	101
San Pedro Harbor	5145	93
San Pedro Bay	4423	177
San Pio Quinto, Port	4270	151
San Roque	4638	177
San Vicente, Port	4263	153
Sanborn Harbor, Nagai Island	8891	135
Sand Key Light to Rebecca Shoal Florida.	1252	67
Sandy Cove	8851 1225	139
Sandy Point to Cove Point	1226	45
	4268	$\frac{45}{163}$
Sangirin Bay. Philippine Islands. Sannak Island and Ikatan Peninsula. Alaska.	8841	137
Sannak Island and Ikatan Peninsula. Santa Ana Bay	4448	173
Santa Ana Bay	5261	95
Santa Barbara Channel California.	5201	95
Santa Barbara Islands, harbor charts	5126	93
Santa Baroara Islands, narbor charts. Canforma. Santa Catalina, Gulf of	5120	93
panta Calalina, Cun Ol Cantolina.	0100	50

	Chart.	Page.
Santa Cruz Harbor, Luzon	4210	155
Santa Cruz, Marinduque	4453	161
Santa Cruz Island, eastern part	5126	93
Santa Maria, Port	4651	187
Santa Monica Bay	5144	93
Santa Monica to San Diego	5100	93
Santiago Cove. Philippine Islands.	4208	153
Santo Niño Harbor	$4456 \\ 157$	$\frac{167}{57}$
Sapelo Island to Amelia Island	156	57 57
Sapelo Sound	444	57
Satilla River, Barclay Cut to Burnt Fort	450	57
Saugatuck River	267	35
Savannah River	440	57
Savannah to Sapelo Island	156	57
Schoodic Island to Nash Island	305	23
Schoodic Peninsula.	317	25
Schuylkill River	381	41
Sea Girt Light to Fire Island Light	1215	37
Sea Girt Light to Little Egg Inlet, Little Egg Inlet	1216	41
Seacoast and interior waters of Washington.	6400	119
Seal Cove, Nicholas Passage	8084	121
Seattle Harbor	6445	117
Seattle to Olympia	6460	117
Sebastian, Cape, to Humbug Mountain	5951 8214	$\frac{109}{127}$
Security Bay Alaska. Saskank Pinan Phada Island	353	31
Seekonk River	8802	91
	8589	133
Seldovia Bay Semerara Islands	4305	159
Semiamoo Bay	6399	117
Semiamoo Bay to Grays Harbor	6400	119
Semidi Islands	8881	135
Seminole Point to Big Marco Pass	173	65
Seminole Point to Cape Sable	172	65
Sergius Narrows	8282	129
Seymour Canal	8228	127
Shakan Strait	8176	123
Shallotte Inlet to Old Topsail Inlet, including Cape Fear	150	53
Shearwater Bay	8822	137
Sheepscot River	314	27
Sheffield Island to Georges Rock	267	35
Sheffield Island to Westcott Cove	268	35
Shelikof Strait and Afognak Island	8555	135
Shelter Cove	5773	105
Sherman, Point, to entrance to Lynn Canal	8302	131
Sherman, Point, to head of Lynn Canal	8303	131
Shinnecock Light to Fire Island Light	1214	37
Ship Shoal Louisiana	198	79
Shoals, Isles of	330 543	27 39
Shrewsbury River	8881	13 5
Shumagin Islands to Cape St. Elias. Alaska.	8502	91
Siargao Island, harbors in	4638	177
Siasi and Lapac Islands	4544	181
Sibonga, Port	4638	177
Sibuco Bay	4651	187
Sibuguey Bay	4617	183
Sibulan, Port	4606	189
Sibuyan and Romblon Islands	4411	161
Silangan Pass	4273	163
Simanale Bay and Channel	4514	181

	Chart.	Page.
Simeonof Harbor, Simeonof Island	8881	135
Sinclair Inlet Washington.	6440	117
Sisiran and Lamit Bays	4271	163
Sisiran Bay to Lagonoy Gulf. Philippine Islands.	4222	165
Sitka Harbor and approaches Alaska.	8244	129
Sitka Sound to Salisbury Sound	8281	129
Siuslaw RiverOregon	6023	111
Slocum Inlet	8229	129
Smiths Point to Cove Point	1224	43
Smiths Point to Wolf Trap	1223	43
Snettisham, Port	8227	127
Sohutan Bay and Inlet	4638	177
Solvec Cove to San Fernando	4208	153
Sorsogon Bay	4219	165
South End to Blackstone Rocks	261	33
Southeast Anchorage, San Clemente Island	5126	93
Southeast coast of Leyte and Dinagat Island	4424	177
Southwest Anchorage, Chirikof Island	9196	143
Southwestern Luzon and Mindoro	4714	149
Southwestern Negros. Philippine Islands.	4432	173
Spencer, Cape, to Port Frederick	8304	131
Stamford Harbor to Little Captain Island	269	35
Steamer Bay	8154	123
		(119
Stephens Passage	8300	131
Stephens Passage, part of	8235	129
Stratford Shoal to New York	116	33
Stratford Shoal to Plum Island	115	33
Sual, Port, to Comas Island	4239	155
Subic Bays, Manila and	4255	155
Suisun Bay. California.	5534	101
Sukkwan Narrows. Alaska.	8153	123
Sulat Bay to Oras Bay. Philippine Islands.	4422	165
Sulu Archipelago. Philippine Islands.	4722	149
Sulu Sea. Philippine Islands.	4721	149
		[119
Sumner Strait	8200	127
Surigao	4629	177
Surigao Bay	4638	177
Surigao Strait and Leyte. Philippine Islands.	4719	149
Surigao Strait and vicinity. Philippine Islands.	4603	177
	8242	127
Surprise Harbor. Alaska Sviechnikof Harbor. Alaska	9196	143
Swanson Harbor. Alaska.	8302	131
Symonds Bay. Alaska.	8237	129
Symonds Bay. Alaska.	8237	129
·		
m.		
Т.		
Taal and Lemery Anchorage	4257	159
Tabaco Bay to Legaspi	4237	165
Tabgon BayPhilippine Islands	4268	163
Tablas Island and vicinity	4410	161
Tablas Island, harbors of	4453	161
Tacloban to Calbayog	4420	165
Tacoma Washington.	6451	117
Taiwan to Manila Bay	4705	149
Takatz BayAlaska.	8243	125
Takatz, Kelp, and Warm Spring Bays	8243	125
Taku Harbor Alaska.	8229	129
Tamgas HarborAlaska	8074	121
Tampa BayFlorida.	177	69

•	Chart.	Page.
Tampa Bay, entrance to	477	69
Tampa Bay to Cape San Blas	1114	21
Tampa Bay to Key West	16	21
Tampa Bay to Lemon Bay	176	69
Tañon Strait, northern part	4428	173
Tañon Strait, southeast part of Cebu and Negros	4430	173
Tapul Bay, part of	4346	169
Target Bay and vicinity	915	87
Tarofofo, Port	4202	147
Tawitawi Group	4514	181
Terrebonne Bay to Barataria BayLouisiana	197	79
Thames River	359	33
Thomas Bay Alaska.	8210 272	$\frac{127}{39}$
Throgs Neck to New Rochelle	273	
Throgs Neck to Randall Island New York. Throgs Lelends Distriction of the Property of the Pro	$\frac{273}{4454}$	$\frac{39}{161}$
Ticao Island, harbors on. Philippine Islands. Ticlin Strait. Philippine Islands.	4258	165
Tilig, Port, Lubang Island. Philippine Islands. Philippine Islands.	$\frac{4258}{4345}$	159
Tillamook Bay Oregon.	6112	113
Tlevak Narrows. Alaska.	8153	123
Tlevak Strait, northern part of, and Ulloa Channel. Alaska.	8151	$\frac{123}{123}$
Tocoi to San Mateo. Florida.	455d	59
Tolstoi Bay. Alaska	8124	123
Tomales Bay	5618	103
Ton Sandungun Channel Philippine Islands.	4512	183
Tongass Narrows. Alaska.	8094	121
Tongass, Port	8074	121
Torrijos Bay	4453	161
Tortugas Harbor and approaches	471a	67
Townsend, Port. Washington.	6405	117
Track Chart, North Atlantic	3029	19
Trenton to Philadelphia	296	41
Trinidad Head to Cape Blanco. California.	5602	107
Trinidad Harbor	5846	107
Troy to Coxsackie	284	37
Tuburan, Cebu Philippine Islands.	4465	175
Tucuran	4653	191
Tugas Point to Jobo Point	4628	187
Tumanao, Port	4655	189
Turtle River	447	57
Tybee Roads	440	57
· U.		
Ulloa Channel to San Christoval Channel Philippine Islands.	8155	123
Ulugan Bay. Philippine Islands.	4346	169
Umata Bay. Guam	4202	147
Umpqua River entrance. Oregon.	6003	111
Umpqua River to Cape Lookout. Oregon.	6000	111
Umpqua River to Point St. George	5900	109
Unalaska Bay	9007	141
Unalaska land	9196	143
Unga Island	8851	139
Unimak and Akutan Passes	8860	145
Union Bay	8124	123
Unisan to Mulanay and northern part of Marinduque	4272	163
Upper Astoria to Columbia River entrance	6140	113
Uson, Port	4345	159
Uyak Anchorage	8822	137

v.

Volder Ame	Chart.	Page.
Valdez Arm. Alaska. Valdez, Port. Alaska.	8519	133
Vancouver to Reed Island. Oregon and Washington.	8519	133
Varadero Bay	6146	113
Verde Island Passage Philippine Islands Philippine Islands Philippine Islands	4344 4214	159 159
Verde Island Passage, anchorages in vicinity of.	4214	
Verde Island Passage to Cuyo Island	4345	159 15 9
Vermilion Bay to Pecan Island. Louisiana Louisiana	200	79
Vieques Sound Porto Rico	904	87
Vigan, Laoag to Philippine Islands.	4207	153
Vineyard Haven. Massachusetts.	347	31
Vineyard Sound	112	29
Virgin Passage and Vieques Sound	904	87
Visayan Sea	4405	173
· · · · · · · · · · · · · · · · · · ·	1100	110
W.		
Wall Creek to Cedar Keys. Florida.	179	71
Wall Creek to Hog Island. Florida.	178	71
Warm Spring Bay	8243	125
Warm Spring, Kelp, and Takatz Bays. Alaska.	8243	125
Warren River. Rhode Island.	355	31
Washington Bay. Alaska.	8243	127
Washington, Fort, to Fifty-third Street, New York.	369^{8}	39
Washington Harbor. District of Columbia.	560	45
Washington Harbor. Washington.	6403	117
Washington, Lake	6446	117
Washington, Lake, to Lake Monroe. Florida.	458	59
Washington Sound. Washington.	6380	117
Wassaw Sound Georgia	440	57
Wellfleet Harbor. Massachusetts.	340	29
West Anchor Cove, Ikatan Peninsula	8841	137
West Point to Yorktown. Virginia.	495	47
West Sixty-seventh Street, New York, to Blackwells Island	369^{4}	39
Westcott Cove to Sheffield Island. Connecticut.	268	35
Western Bohol. Philippine Islands.	4429	173
Western Masbate. Philippine Islands.	4412	161
Western Negros. Philippine Islands.	4431	173
Whale Branch South Carolina.	437	57
Whitestone Narrows Alaska.	8281	129
Whitewater Bay and Chaik Bay. Alaska.	8246	127
Wickford Harbor Rhode Island	357	31
Willamette River to St. Helens. Oregon and Washington.	6154	113
Willapa Bay. Washington.	6185	113
William Henry Bay. Alaska.	8302	131
Wilmington to Bombay Hook	294	41
Wilmington to Philadelphia. Delaware and Pennsylvania.	295	41
Wilmington to Reeves Point	425	53
Wimble Shoal to Cape Hatteras and Ocracoke Inlet	1232	49
Windfall Harbor. Alaska.	8228	127
Windham Bay	8218	127
Winter Harbor	317	25
	152	55
Winyah BaySouth Carolina	428	55
Woewodski Harbor	8216	127
Wolf Trap to Smiths Point	1223	43
Woods Hole	348	31
Wrangell Harbor	8154	123
Wrangell, Port. Alaska.	8851	139
Wrangell Strait	8170	123

Y.

		Chart.	Page.
Yabucoa, Port	Porto Rico	918	87
Yakutat Bay	Alaska	8455	133
Yaquina River entrance	Oregon	6057	111
Yaquina River entrance. Yes Bay.	Alaska	8105	123
York River	Vivoinia	494	47
	Į.	495	47
York River entrance to Yorktown	Virginia	494	47
York River to Cape Neddick Harbor.	Maine	228	27
Yorktown to West Point		495	47
Yorktown to York River entrance		494	47
Yukon Harbor, Koniuji Islands	Alaska	8881	135
Yukon River, Apoon mouth to head of Passes	Alaska	9372	145
Yukon River, Kwikluak mouth	Alaska	9373	145
z.			
Zamboanga (Basilan Strait)		4511	183
Zarembo Island and approaches.		8160	123
Zavamba Island and vicinity, havboy about	Alaska	0754	100





. •

